

Design of *L*-lysine based organogelators and their applications in drug release processes.

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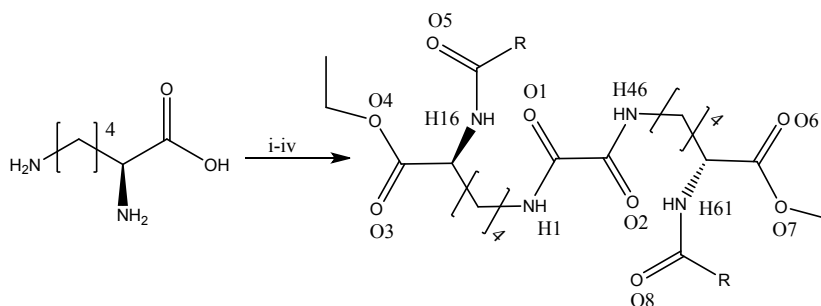
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1. ^1H , ^{13}C NMR and IR spectra of all the compounds and their GC-MS data



Scheme 1. The organogelators prepared in this study. i) dimethyl oxalate; ii) HCl/EtOH; $\text{Na}_2\text{CO}_3/\text{CHCl}_3$; iv) RCOCl . $\text{R}=\text{C}_{11}\text{H}_{23}$ ($\text{N}^2\text{L}/\text{N}^6\text{Lys}$), $\text{R}=\text{C}_{13}\text{H}_{27}$ ($\text{N}^2\text{M}/\text{N}^6\text{Lys}$) and $\text{R}=\text{C}_{15}\text{H}_{29}$ ($\text{N}^2\text{P}/\text{N}^6\text{Lys}$).

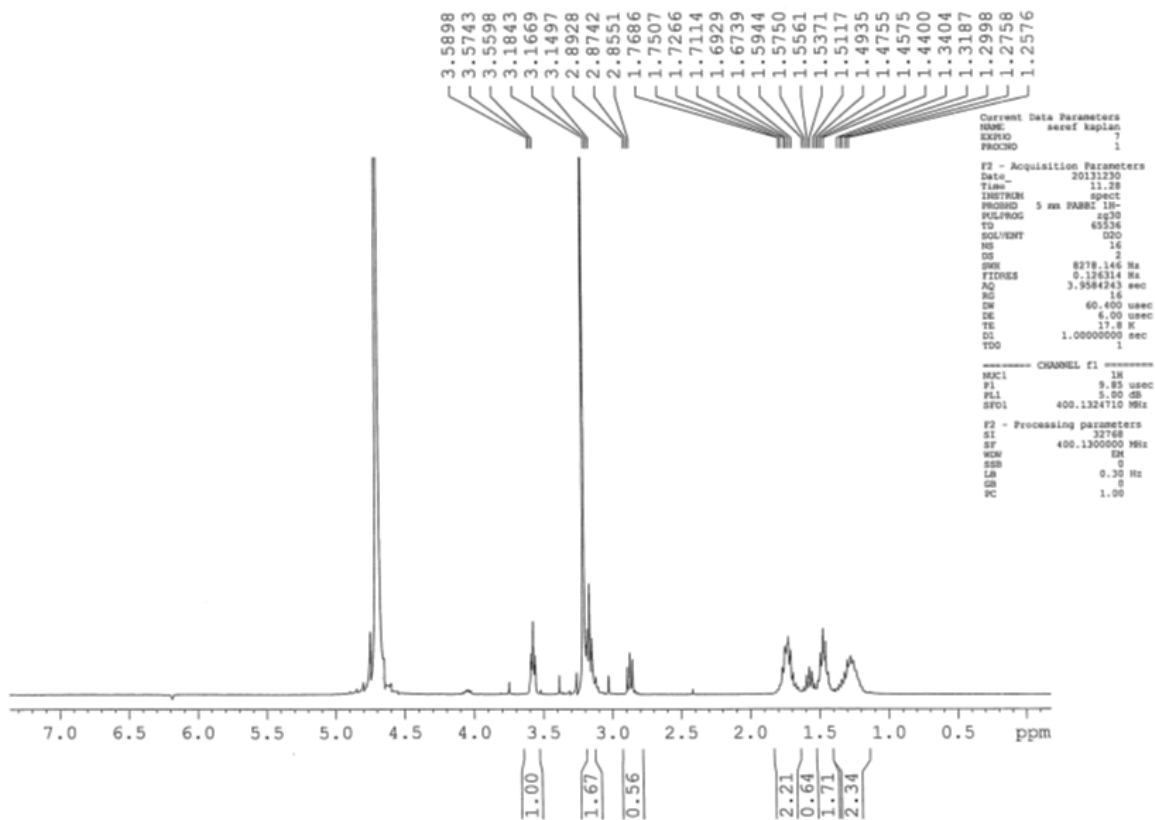


Figure S1. ^1H NMR spectrum of Bis(N^6 -*L*-Lysyl)oxalyl amide (**1**).

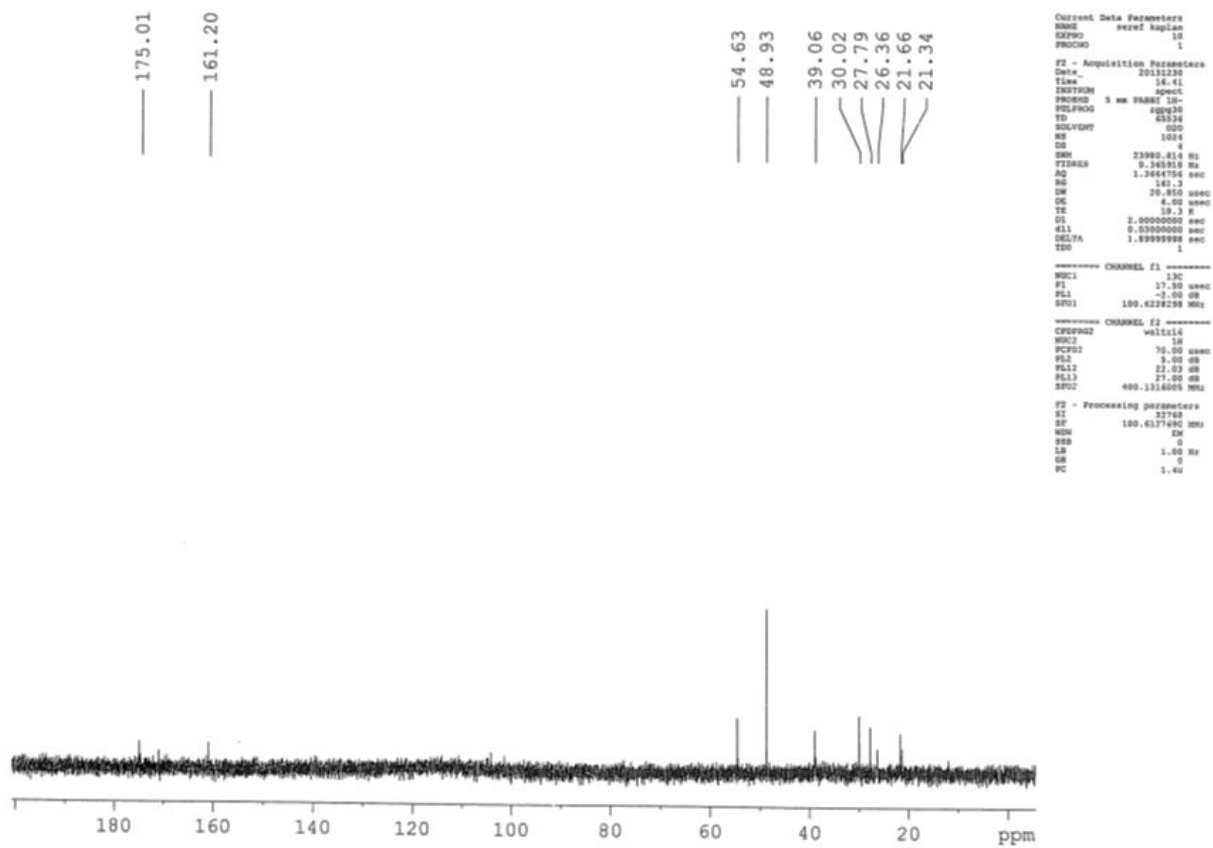


Figure S2. ^{13}C NMR spectrum of Bis(N^6 -*L*-Lysyl)oxalyl amide (**1**).

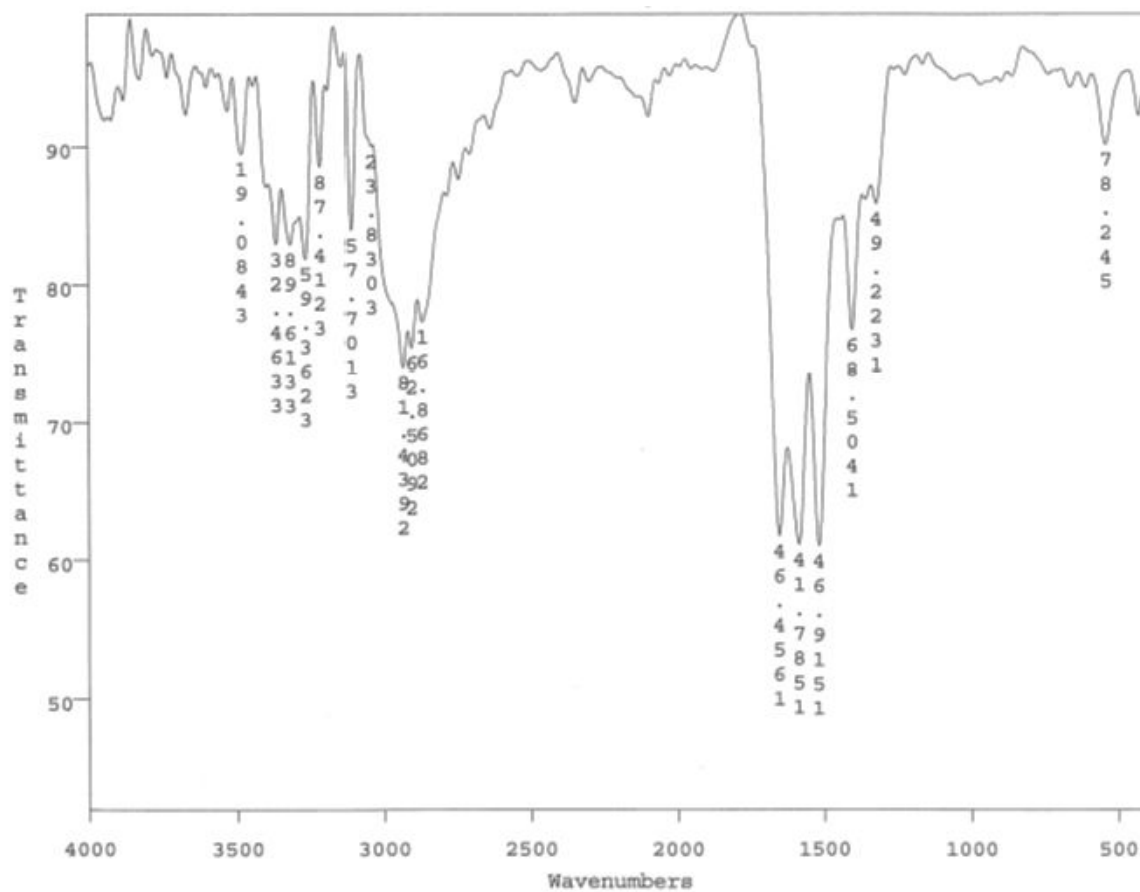


Figure S3. IR spectrum of Bis(N^6 -*L*-Lysyl)oxalyl amide (**1**).

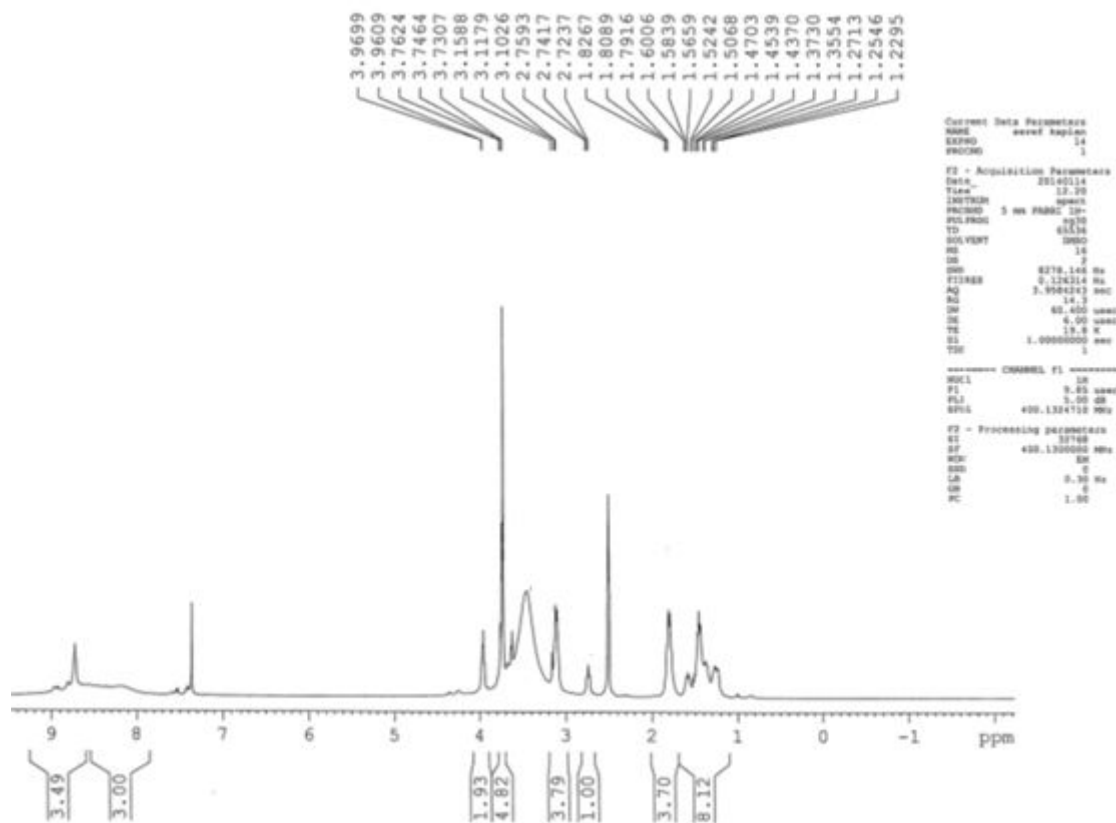


Figure S4. ^1H NMR spectrum of Bis(N^6 -*L*-Lysyl-ethylester)oxalylamide hydrochloride salt (2).

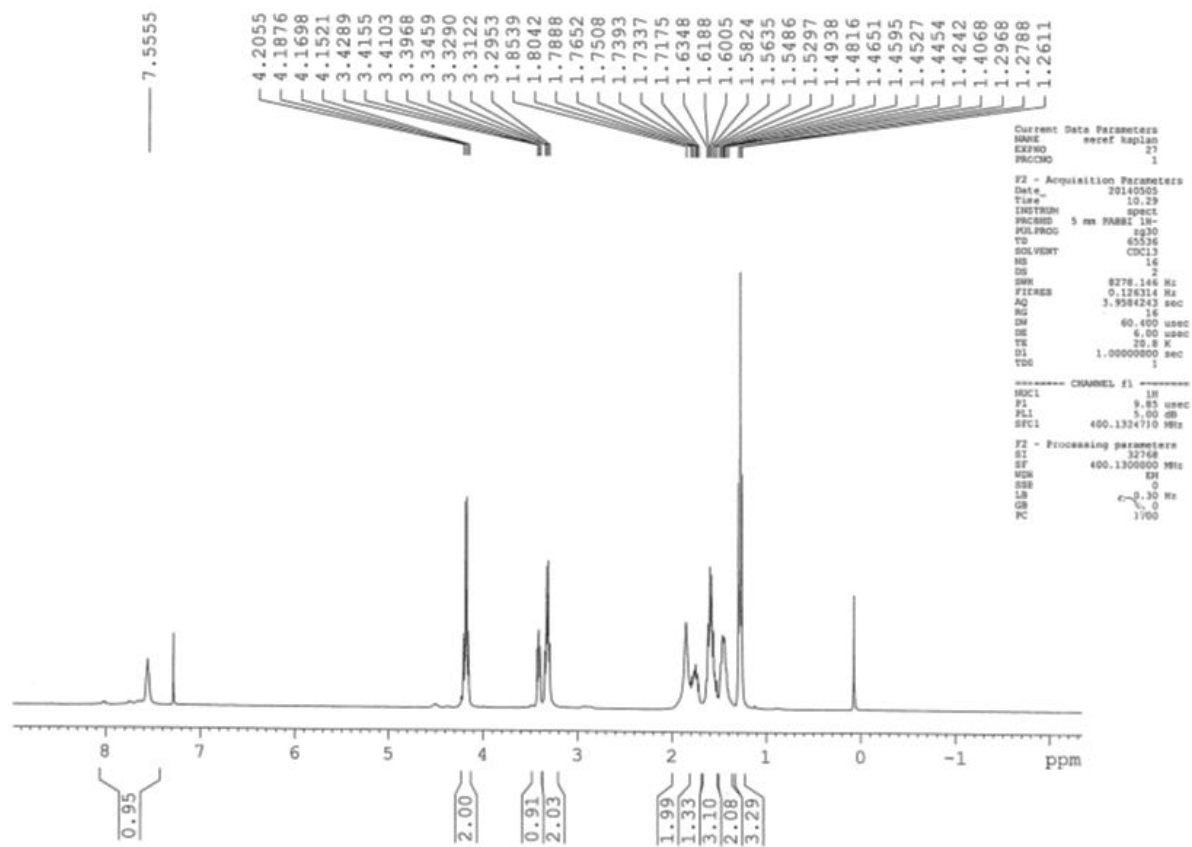


Figure S6. ^1H NMR spectrum of Bis(N^6 -*L*-Lysyl ethylester)oxalyl amide (**3**).

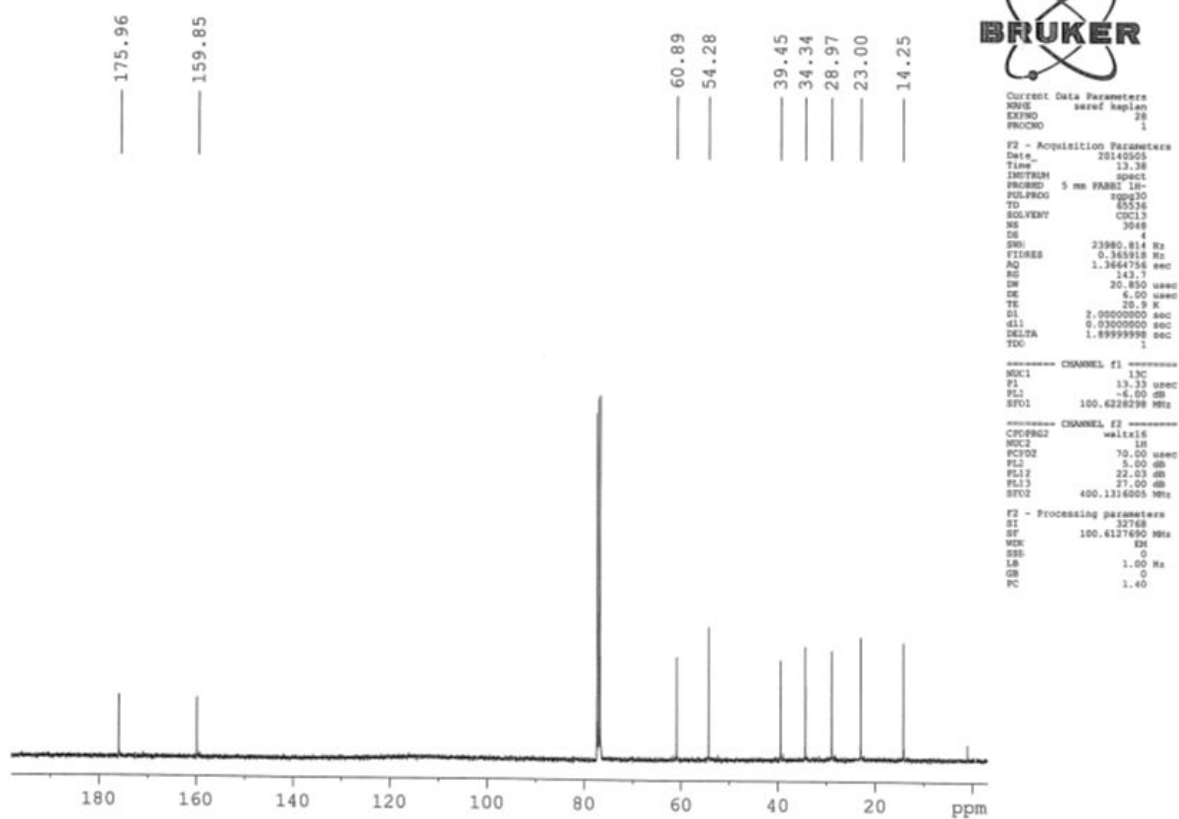


Figure S6. ^{13}C NMR spectrum of Bis(N^6 -*L*-Lysyl ethylester)oxalyl amide (**3**).

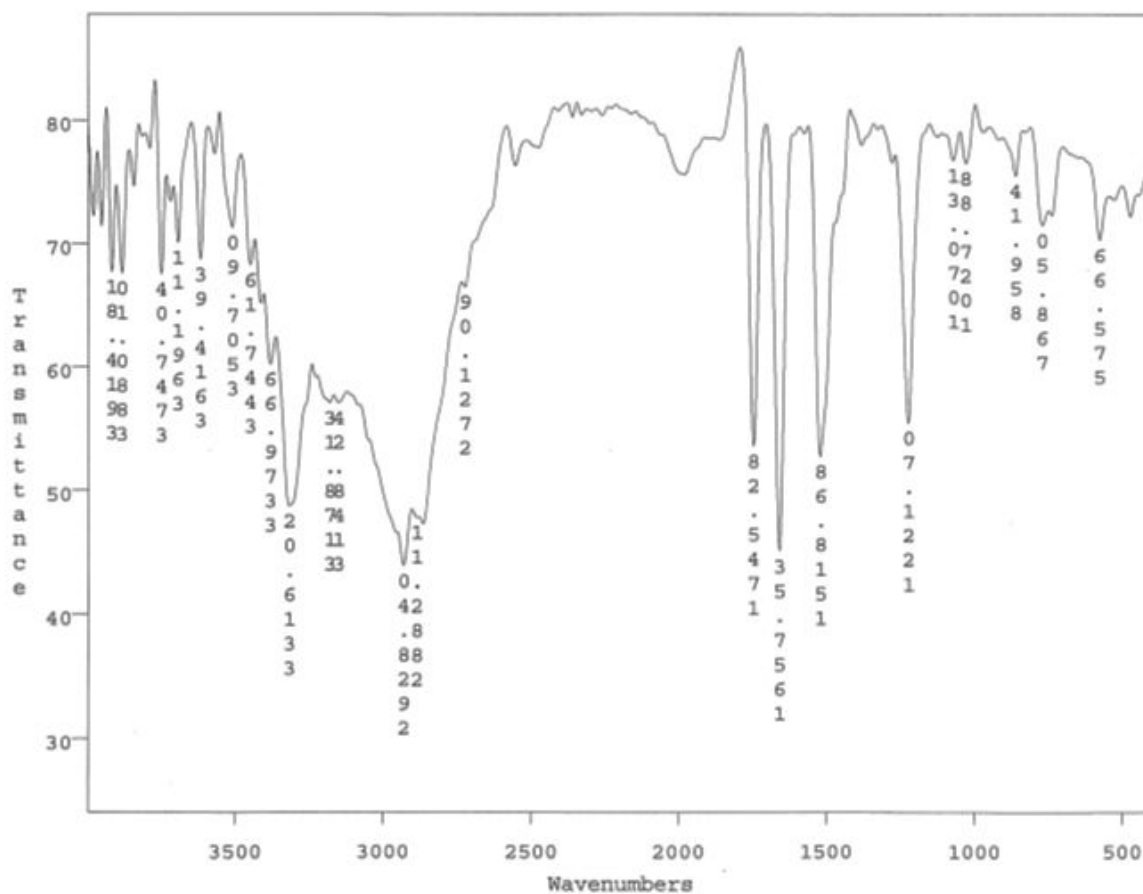


Figure S7. IR spectrum of Bis(N^6 -L-Lysyl ethylester)oxalyl amide (**3**).

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Date Processed : 05.12.2014 12:47:08

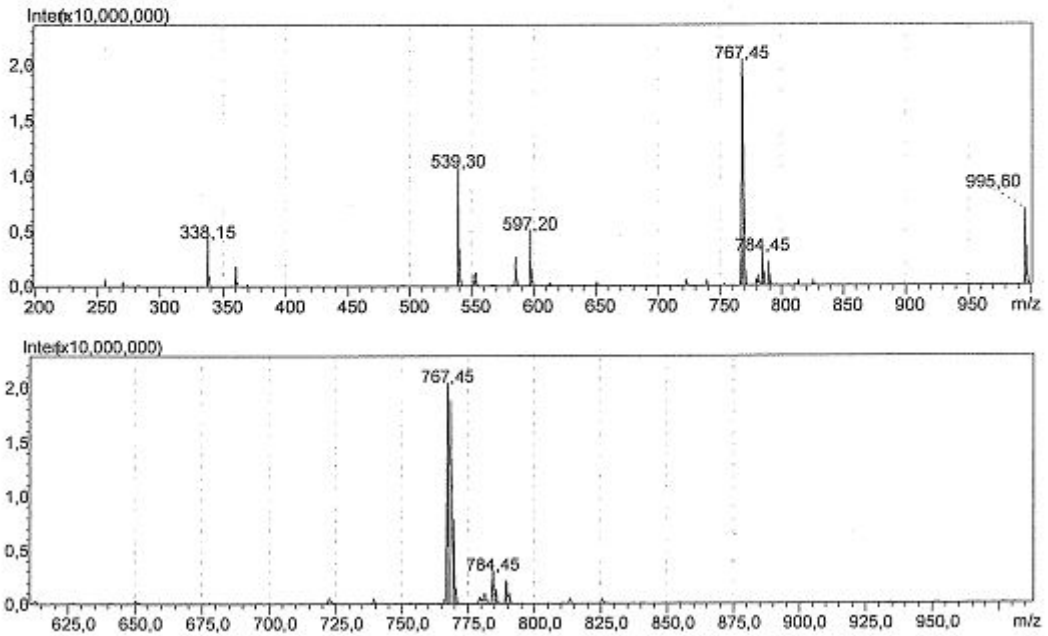


Figure S8. GC-MS data of N²L/N⁶Lys.

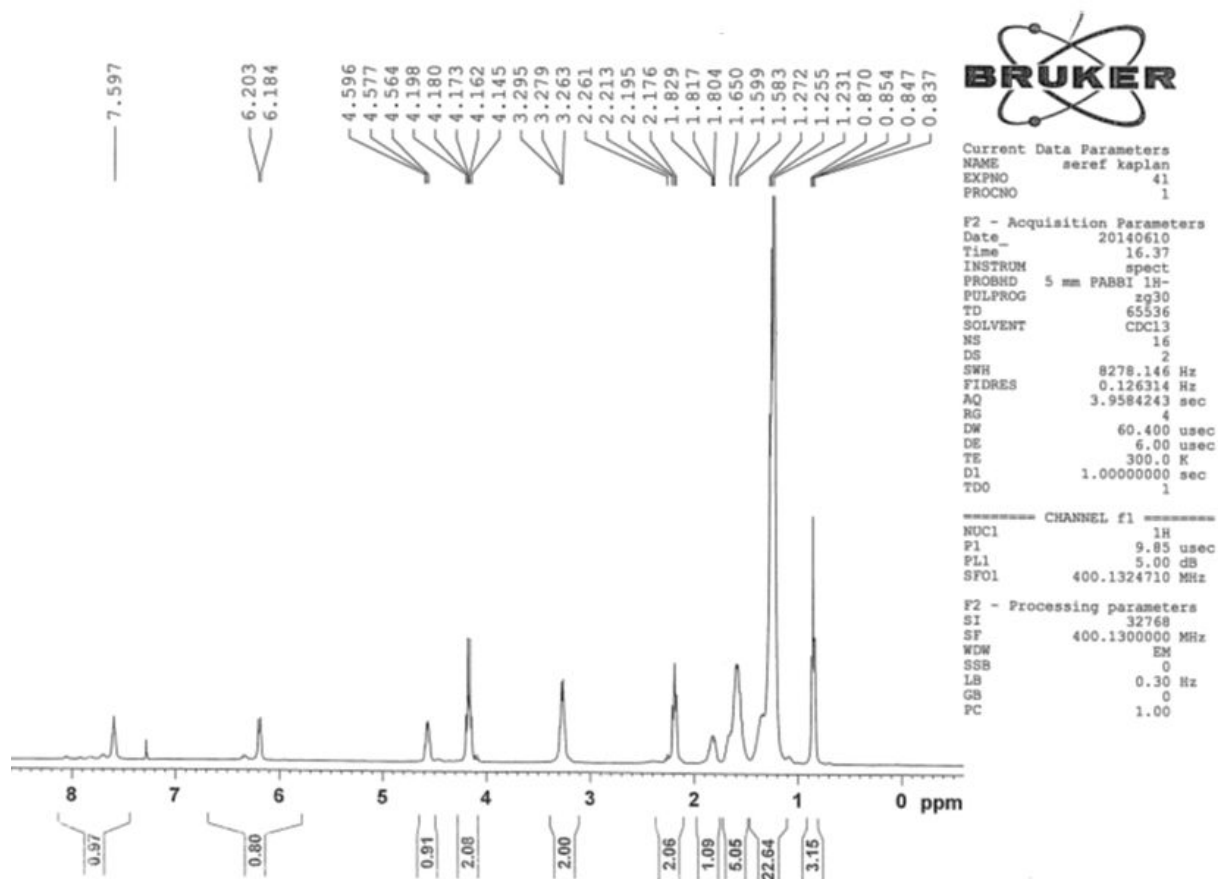


Figure S9. ^1H NMR spectrum of $\text{N}^2\text{L}/\text{N}^6\text{Lys}$.

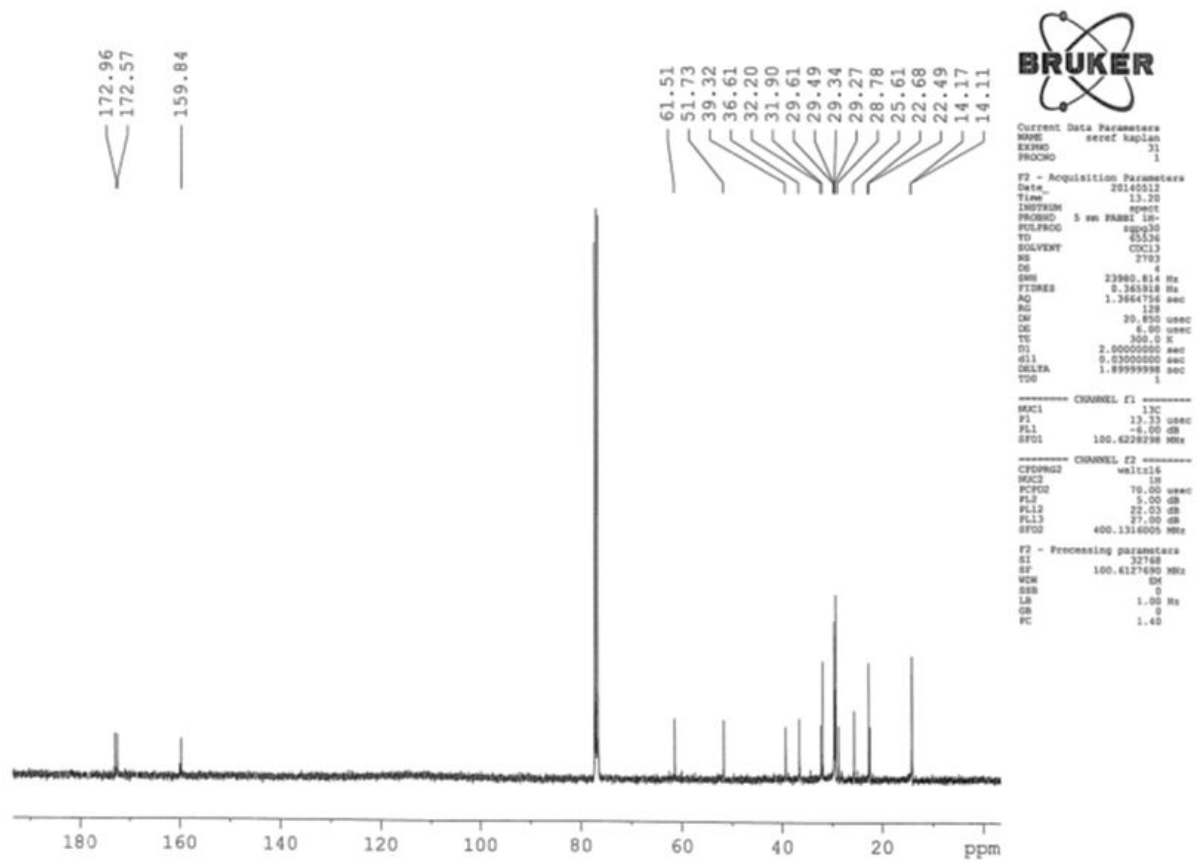


Figure S10. ^{13}C NMR spectrum of $\text{N}^2\text{L}/\text{N}^6\text{Lys}$.

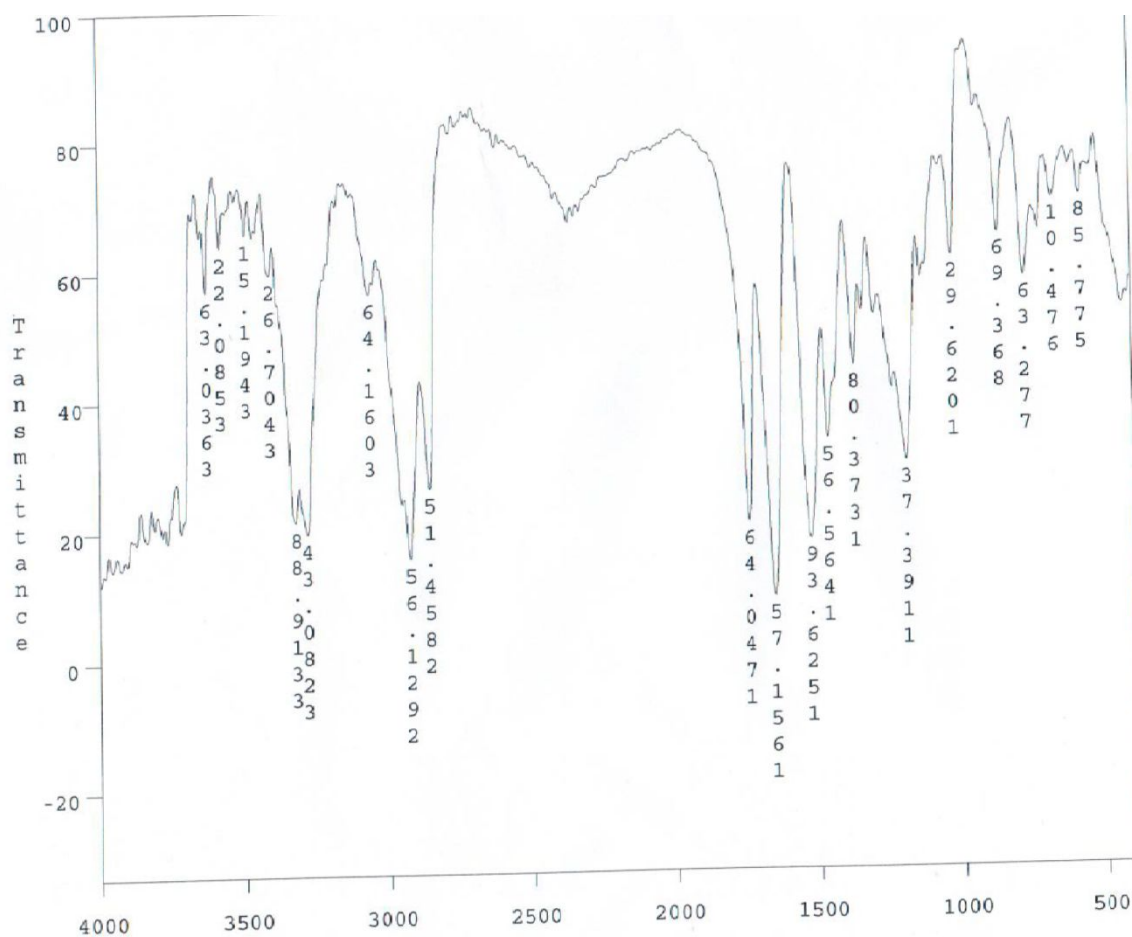


Figure S11. IR spectrum of N²L/N⁶Lys.

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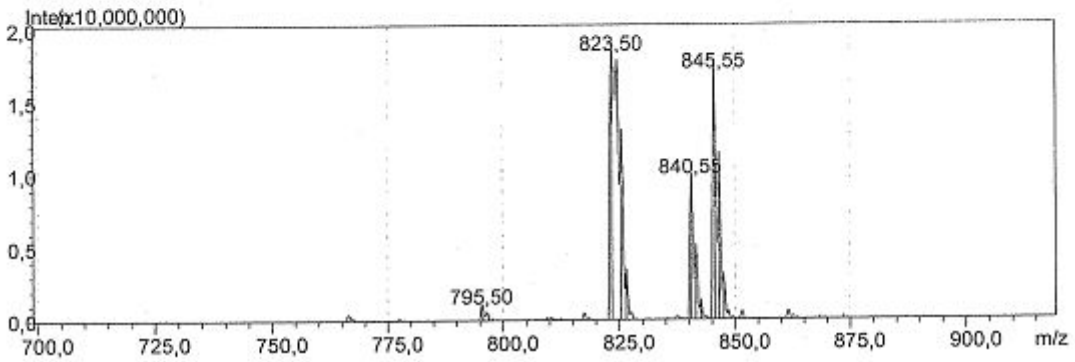
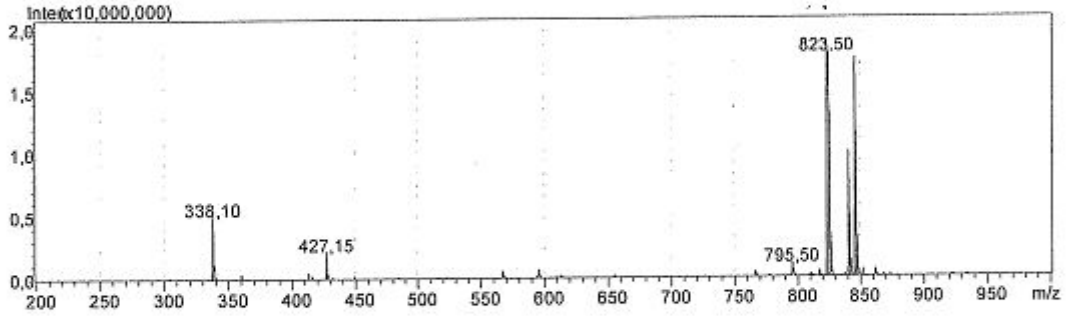


Figure S12. GC-MS data of N²M/N⁶Lys.

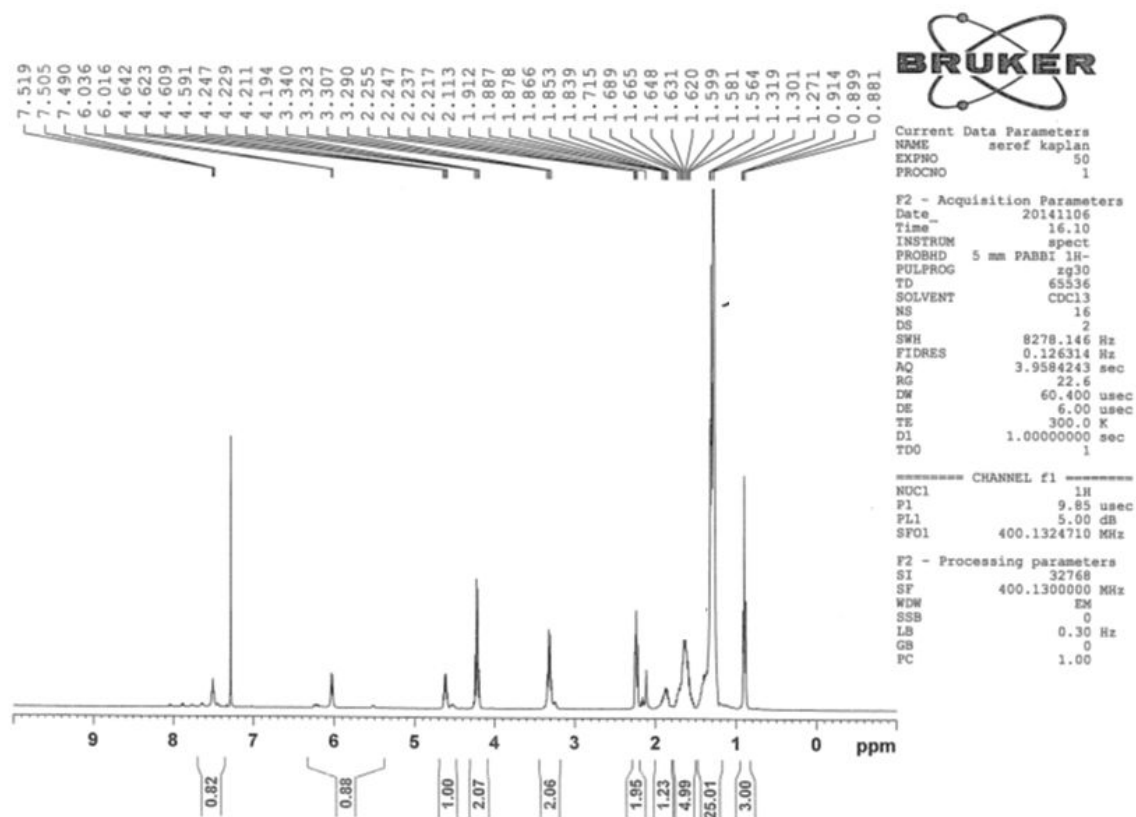


Figure S13. ^1H NMR spectrum of $\text{N}^2\text{M}/\text{N}^6\text{Lys}$.

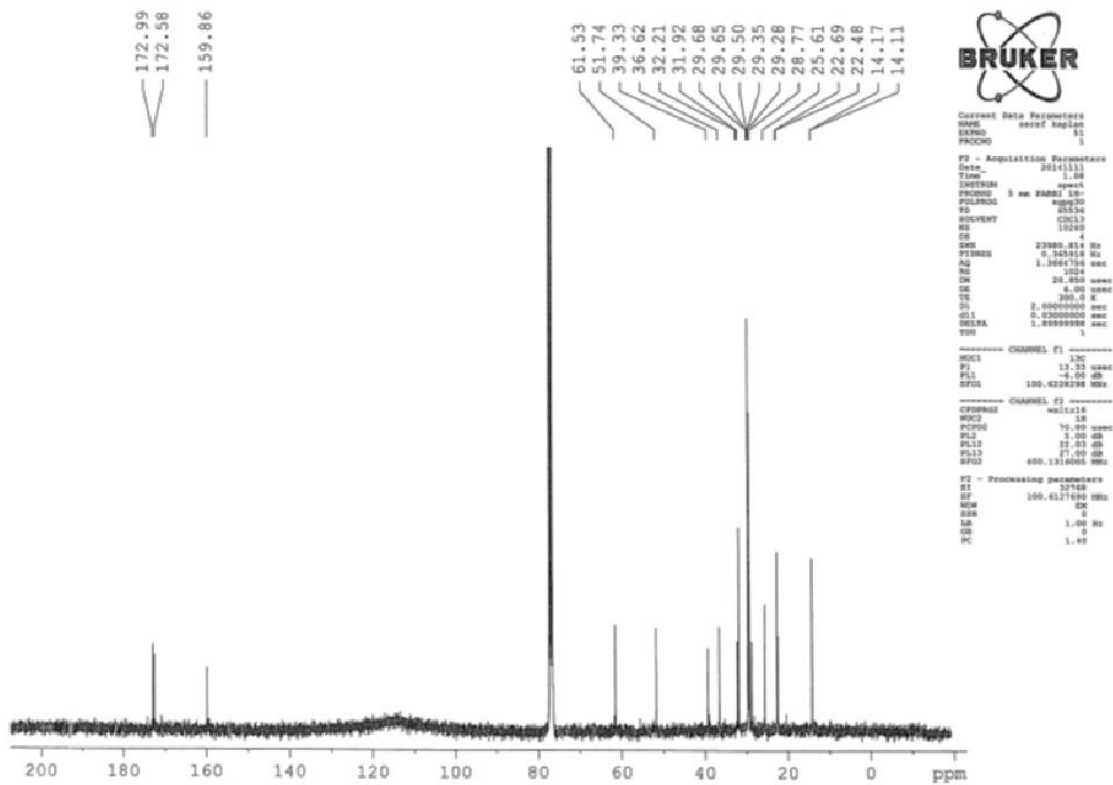


Figure S14. ^{13}C NMR spectrum of $\text{N}^2\text{M}/\text{N}^6\text{Lys}$.

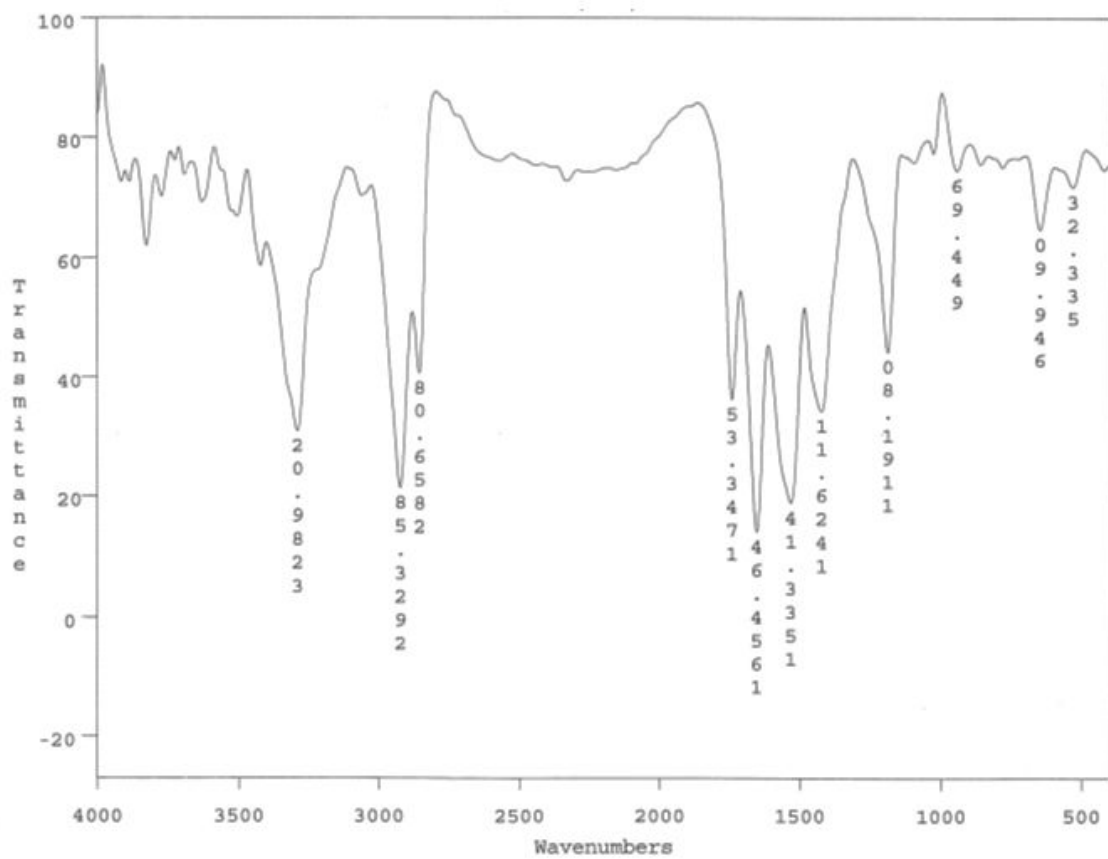


Figure S15. IR spectrum of N²M/N⁶Lys.

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Vial#	:	63
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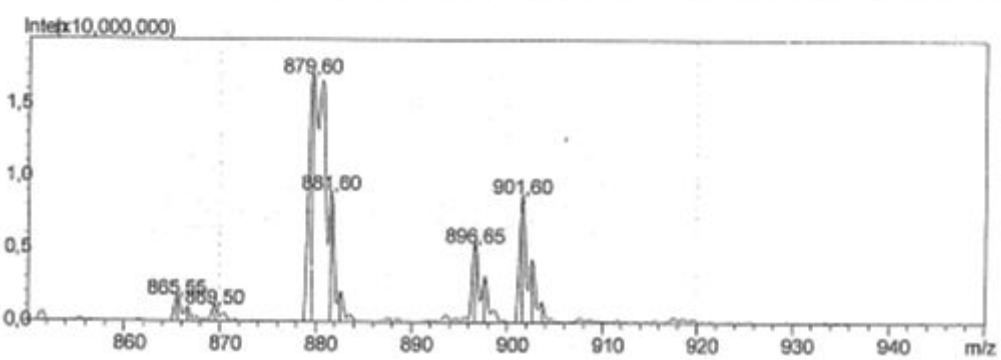
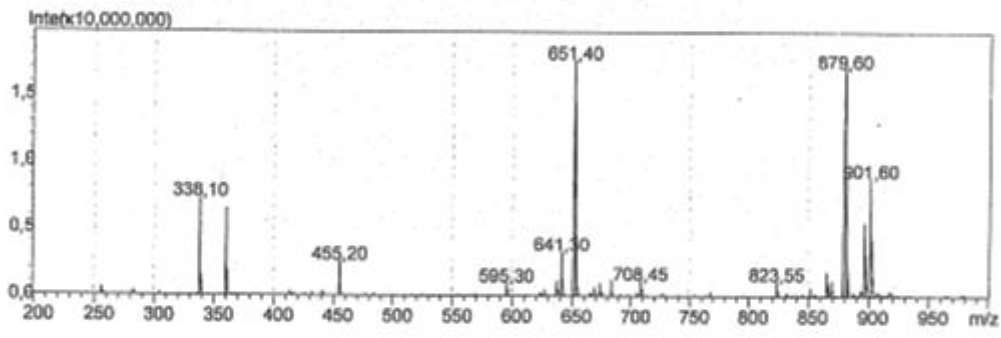


Figure S16. GC-MS data of N²P/N⁶Lys.

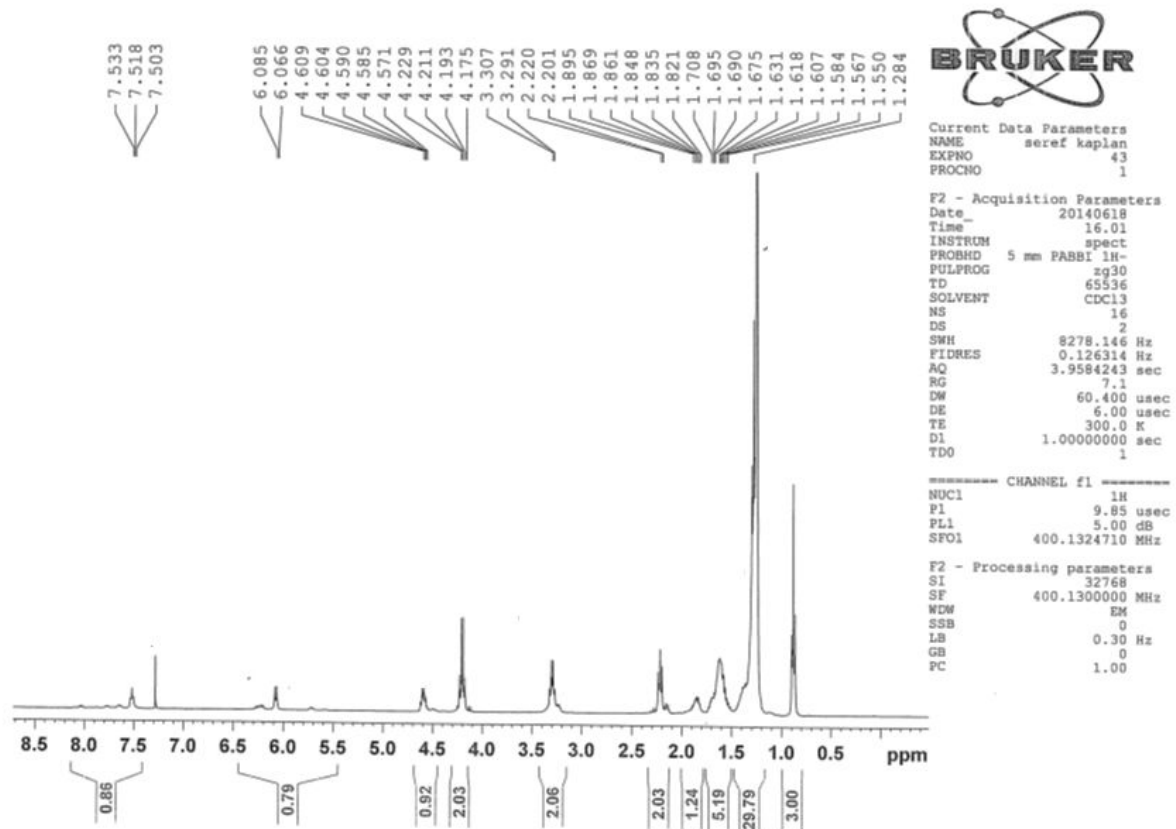


Figure S17. ^1H NMR spectrum of $\text{N}^2\text{P}/\text{N}^6\text{Lys}$.

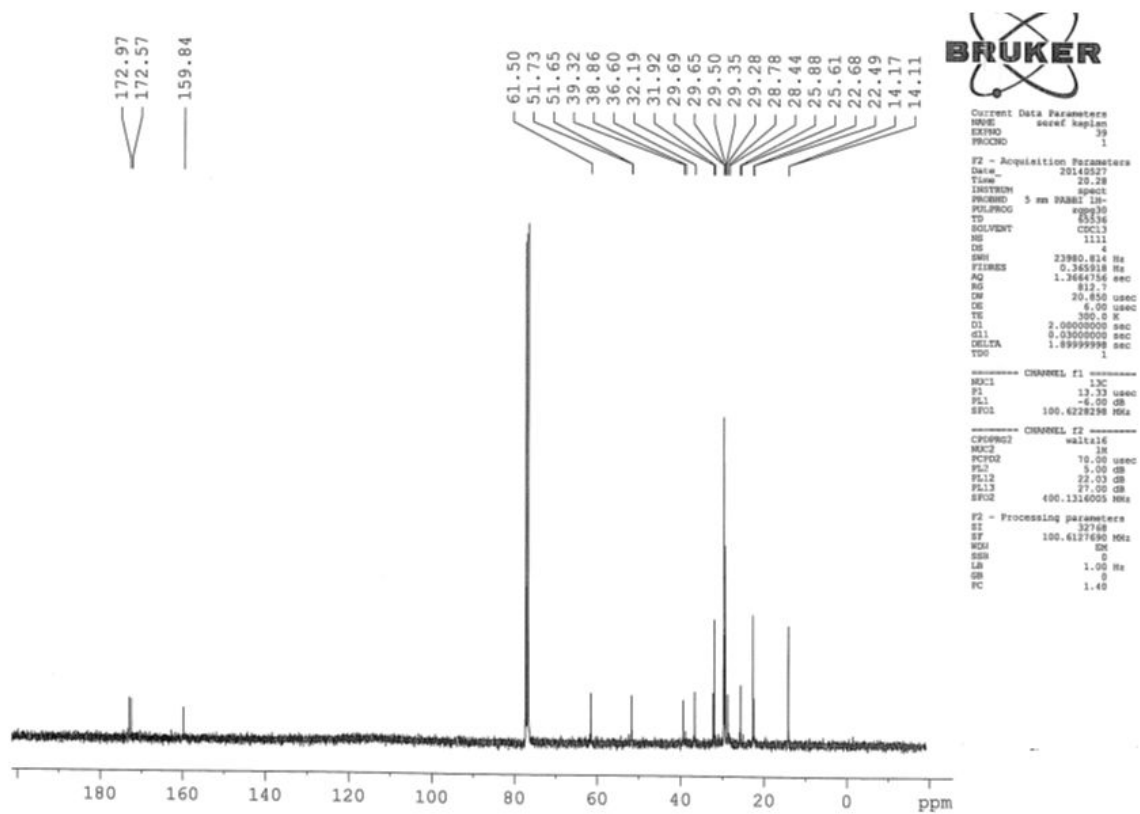


Figure S18. ^{13}C NMR spectrum of $\text{N}^2\text{P}/\text{N}^6\text{Lys}$.

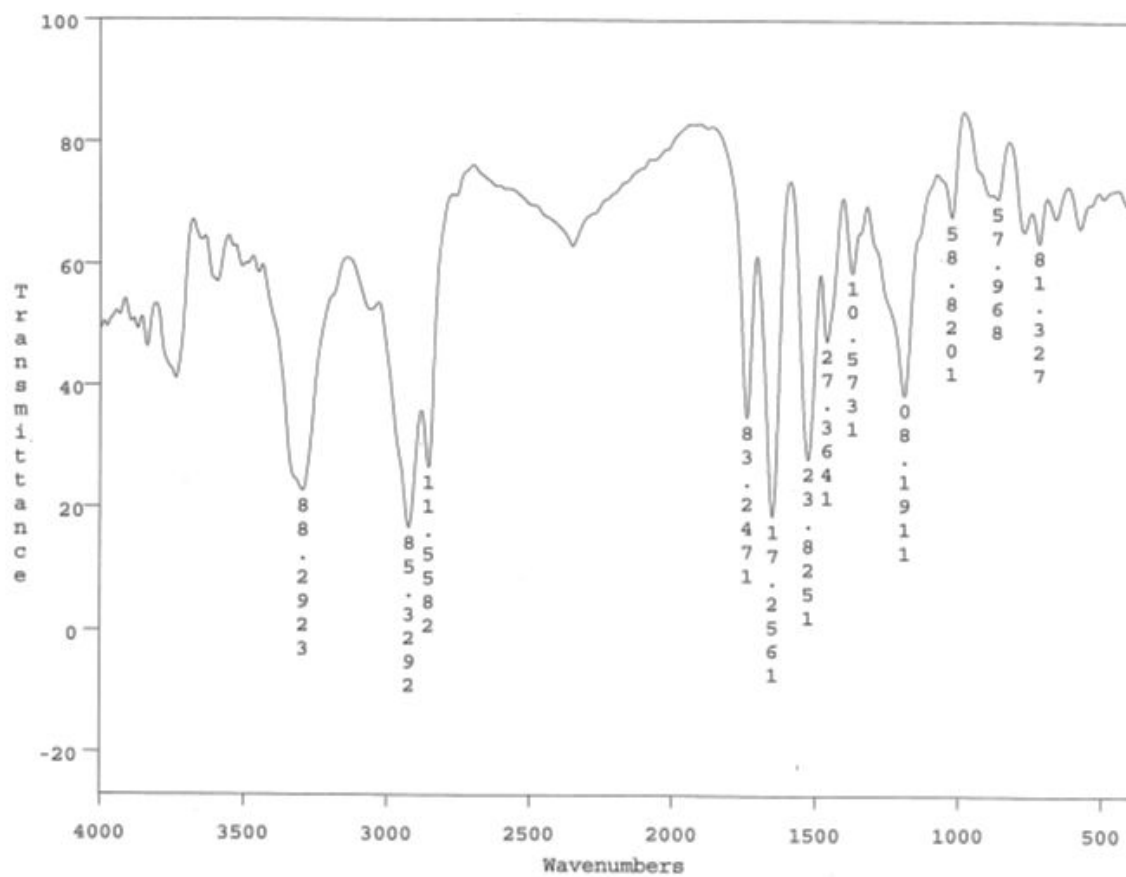


Figure S19. IR spectrum of N²P/N⁶Lys.

2. The effect of gelator concentration on gel-sol transition temperature in the solvents studied

Table S1. The effect of gelator concentration on gel-sol transition temperature (T_g) in 1,2-propandiol.

N ² L/N ⁶ Lys		N ² M/N ⁶ Lys		N ² P/N ⁶ Lys		C _g *
Mol/L	T _g (°C)	mol L ⁻¹	T _g (°C)	mol L ⁻¹	T _g (°C)	(% W)
0,0052	58	0,0049	60	0,0045	61	0,386
0,0078	62	0,0073	63	0,0068	65	0,579
0,0104	65	0,0097	67	0,0091	67	0,772
0,0130	67	0,0121	68	0,0114	72	0,965
0,0156	68	0,0146	69	0,0136	75	1,158

*Gelators concentration C_g also was given % weight of gelators .

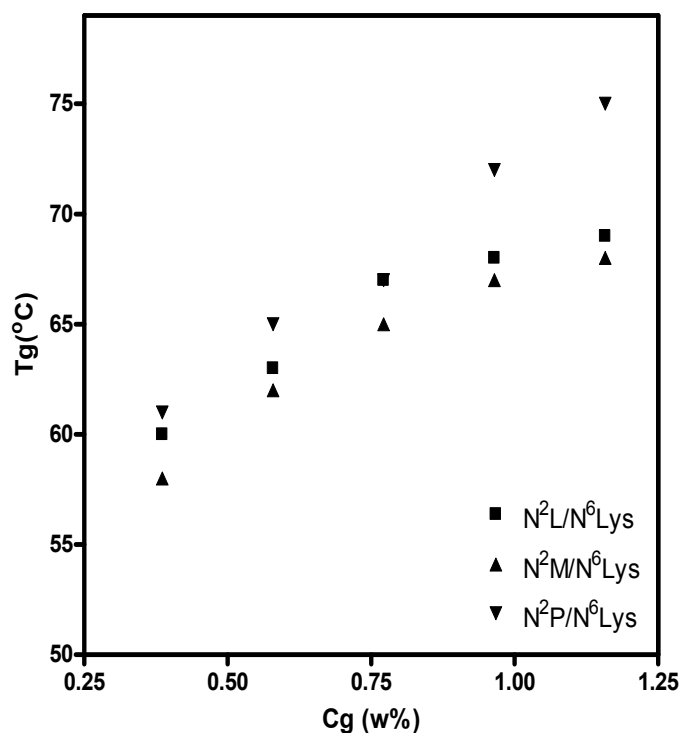


Figure S20. Plot of T_g versus C_g (% w weight of gelators in 1,2-Propandiol gel) .

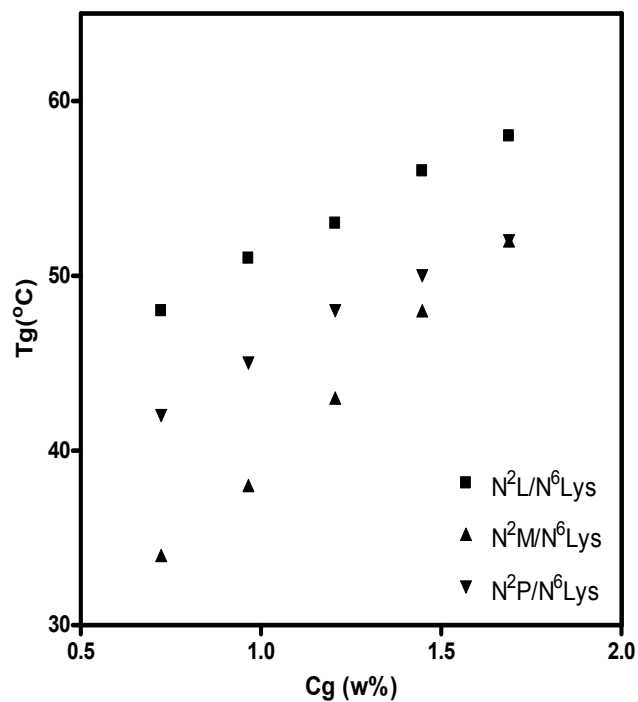


Figure S21. Plot of T_g versus the weight of gelators C_g (% w) in 1-decanol.

Table S2. The effect of gelator concentration on gel-sol transition temperature (T_g) in 1-decanol.

N ² L/N ⁶ Lys		N ² M/N ⁶ Lys		N ² P/N ⁶ Lys		C _g * (% W)
Mol/L	T _g (°C)	Mol/L	T _g (°C)	Mol/L	T _g (°C)	
0,0078	34	0,0073	48	0,0045	42	0,723
0,0104	38	0,0097	51	0,0068	45	0,965
0,0130	43	0,0121	53	0,0091	48	1,206
0,0156	48	0,0146	56	0,0114	50	1,447
0,0182	52	0,0170	58	0,0136	52	1,688

*Gelators concentration also was given % weight of gelators .

Table S3. The effect of gelator concentration on gel-sol transition temperature (T_g) in in liquid paraffin.

N ² L/N ⁶ Lys			N ² M/N ⁶ Lys			N ² P/N ⁶ Lys		
C_g^* % w/w	Mol/L	T_g (°C)	C_g^*	Mol/L	T_g (°C)	C_g^* % w/w	Mol/L	T_g (°C)
0,697	0,0104	139	0,930	0,0073	124	0,465	0,0045	100
0,930	0,0130	143	1,162	0,0097	126	0,697	0,0068	110
1,162	0,0156	148	1,395	0,0121	129	0,930	0,0091	112
1,395	0,0182	154	1,627	0,0146	131	1,162	0,0114	114
1,627	0,0208	160	1,860	0,0194	134	1,395	0,0182	115

*Gelators concentration C_g (as a molL⁻¹) and also was given % weight of gelators .

Table S4. The effect of gelator concentration on gel-sol transition temperature (T_g) in LIE.

N ² L/N ⁶ Lys		N ² M/N ⁶ Lys		N ² P/N ⁶ Lys		C_g^*
Mol/L	T_g (°C)	Mol/L	T_g (°C)	Mol/L	T_g (°C)	(% W)
0,0052	69	0,0049	60	0,0045	54	0,468
0,0078	76	0,0073	61	0,0068	60	0,702
0,0104	77	0,0097	65	0,0091	64	0,936
0,0130	80	0,0121	68	0,0114	70	1,170
0,0156	86	0,0146	70	0,0136	72	1,405

*Gelators concentration C_g (as a molL⁻¹) and also was given % weight of gelators in gel.

Table S5. The effect of gelator concentration on gel-sol transition temperature (T_g) in LEE.

N²L/N⁶Lys		N²M/N⁶Lys		N²P/N⁶Lys		C_g[*]
Mol/L	T_g (°C)	Mol/L	T_g (°C)	Mol/L	T_g (°C)	(% W)
0,0052	73	0,0049	84	0,0045	55	0,464
0,0078	75	0,0073	86	0,0068	63	0,696
0,0104	76	0,0097	89	0,0091	71	0,928
0,0130	78	0,0121	92	0,0114	75	1,160
0,0156	79	0,0146	95	0,0136	76	1,392

*Gelators concentration C_g (as a molL⁻¹) and also was given % weight of gelators in gel.

Table S6. The effect of gelator concentration on gel-sol transition temperature (T_g) in MIE.

N²L/N⁶Lys			N²M/N⁶Lys			N²P/N⁶Lys		
C_g^*	Mol/L	T_g	C_g^*	Mol/L	T_g	C_g^*	Mol/L	T_g
% w/w		(°C)			(°C)	% w/w		(°C)
0,705	0,0078	65	0,470	0,0049	96	0,470	0,0045	55
0,941	0,0104	70	0,705	0,0073	98	0,705	0,0068	65
1,176	0,0130	75	0,941	0,0097	100	0,941	0,0091	69
1,411	0,0156	80	1,176	0,0121	102	1,176	0,0114	72
1,647	0,0182	84	1,411	0,0146	104	1,411	0,0136	76

* Gelators concentration C_g (as a molL⁻¹) and also was given % weight of gelators in gel.

Table S7. The effect of gelator concentration on gel-sol transition temperature (T_g) in MEE.

N²L/N⁶Lys			N²M/N⁶Lys			N²P/N⁶Lys		
C_g^* % w/w	Mol/L	T_g (°C)	C_g^* % w/w	Mol/L	T_g (°C)	C_g^* % w/w	Mol/L	T_g (°C)
0,696	0,0078	76	0,464	0,0049	80	0,464	0,0045	50
0,929	0,0104	82	0,696	0,0073	85	0,696	0,0068	57
1,161	0,0130	87	0,929	0,0097	91	0,929	0,0091	71
1,393	0,0156	92	1,161	0,0121	95	1,161	0,0114	75
1,626	0,0182	96	1,393	0,0146	100	1,393	0,0136	77

*Gelators concentration C_g (as a molL⁻¹) and also was given % weight of gelators in gel.

3. van't Hoff plots for the gels prepared in the solvents studied

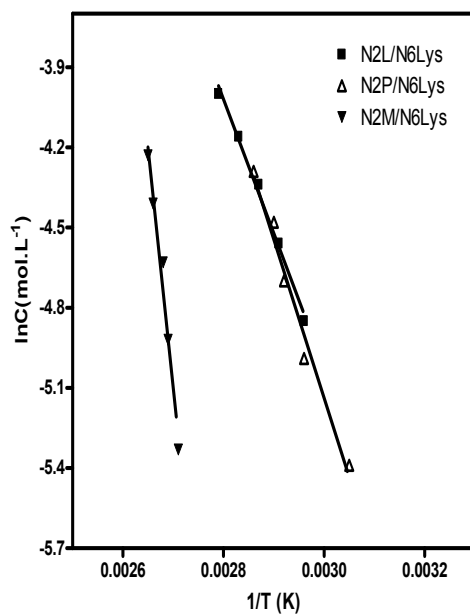


Figure S22. van't Hoff plots for N²L/N⁶Lys, N²M/N⁶Lys and N²P/N⁶Lys gels prepared in MIE.

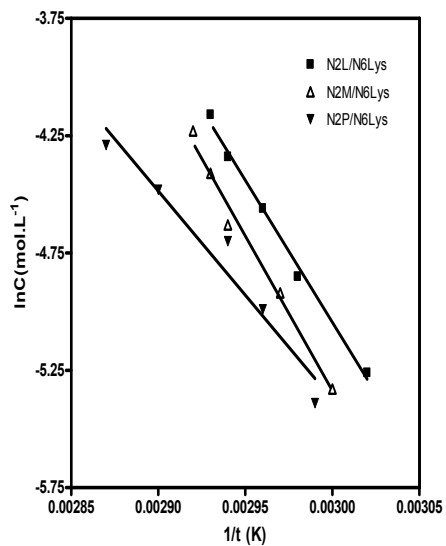


Figure S23. van't Hoff plots for N²L/N⁶Lys, N²M/N⁶Lys and N²P/N⁶Lys gels prepared in 1,2-propanediol.

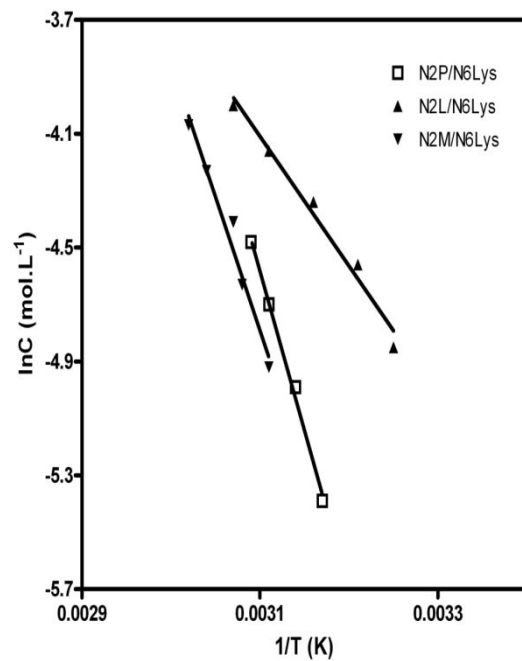


Figure S24. van't Hoff plots for N²L/N⁶Lys, N²M/N⁶Lys and N²P/N⁶Lys gels prepared in 1-decanol.

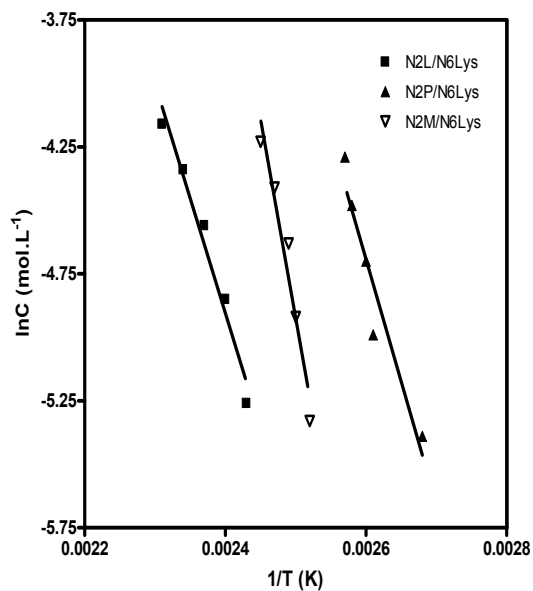


Figure S25. van't Hoff plots for N²L/N⁶Lys, N²M/N⁶Lys and N²P/N⁶Lys gels prepared in liquid paraffin.

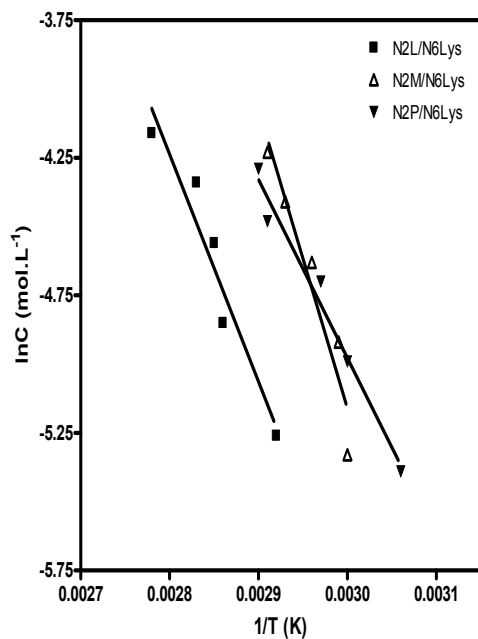


Figure S26. van't Hoff plots for N²L/N⁶Lys, N²M/N⁶Lys and N²P/N⁶Lys gels prepared in LIE.

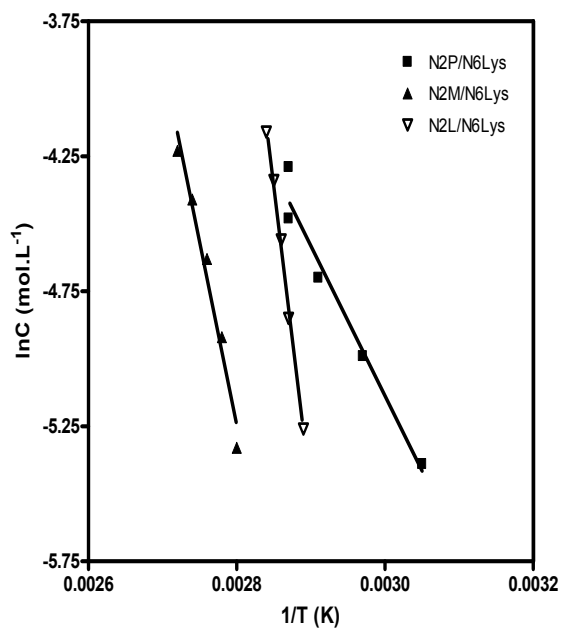


Figure S27. van't Hoff plots for N²L/N⁶Lys, N²M/N⁶Lys and N²P/N⁶Lys gels prepared in LEE.

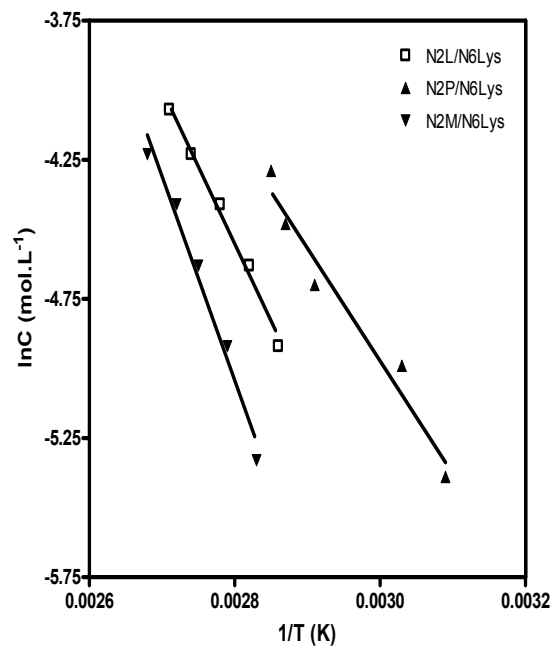


Figure S28. van't Hoff plots for N²L/N⁶Lys, N²M/N⁶Lys and N²P/N⁶Lys gels prepared in MEE.

4. The time-dependent release rate of Npx from the gels in the solvent studied at pH 7.4 (0.1 M phosphate buffer) and 25 °C

Table S8. The time-dependent release rate of Npx (3 mg) from N²P/N⁶Lys (6 mg gelator in 1 mL different solvents) gels at pH 7.4 (0.1 M phosphate buffer) and 25 °C.

solvents Elapsed Time (hour)	LEE Release%	1,2-PROPANDIOL Release%	1-DECANOL Release%	LIQUID PARAFFIN Release%
1. hour	3,297755	5,488487	6,585148	2,998116
2. hour	11,88582	6,911556	8,236185	4,207034
3. hour	15,04067	9,415743	9,981776	4,73205
4. hour	17,80434	12,40997	11,50156	5,198347
5. hour	20,21656	16,20425	12,68112	5,686232
6. hour	22,31187	18,8276	14,01222	6,193545
7. hour	24,459	21,13836	15,52294	6,497934
8. hour	26,84618	23,35802	16,46978	6,833408
9. hour	28,54255	25,18003	17,10792	7,167588
24. hour	38,44963	30,56058	26,0116	10,27494

Table S9. The effect of pH on the time-dependent release of Npx (3mg) from N²P/N⁶Lys (6 mg) gel prepared in LEE at 25 °C.

pH Elapsed Time (hour)	5,0 Release%	7,0 Release%	7,4 Release%
1. hour	2,158782	2,821096	3,297755
2. hour	2,835776	7,902437	11,88582
3. hour	3,435917	11,51106	15,04067
4. hour	3,983384	14,21213	17,80434
5. hour	4,41255	16,64594	20,21656
6. hour	4,828763	19,49337	22,31187
7. hour	5,108973	22,46774	24,459
8. hour	5,337804	23,50784	26,84618
9. hour	5,650828	25,51335	28,54255
24. hour	6,586875	36,88495	38,44963

Table S10. Effect of Npx concentrations on the time-dependence release rate of Npx from N^2M/N^6Lys gel in liquid paraffin at pH 7.4 (0.1 M phosphate buffer) and 25 °C.

Naproxen Elapsed Time (hour)	0,5 mg Npx Release%	1 mg Npx Release%	1,5 mg Npx Release%	3 mg Npx Release%	5 mg Npx Release%
1. hour	0,680448	0,94641	2,024937	6,387404	4,542941
2. hour	0,999948	1,247776	2,331053	7,64252	6,973297
3. hour	1,113068	1,570298	2,626806	8,191714	7,631726
4. hour	1,198124	2,083225	2,758923	8,411046	8,150265
5. hour	1,323765	2,268448	2,991208	8,634696	9,186912
6. hour	1,367372	2,49253	3,191543	8,762928	9,94335
7. hour	1,395005	2,529661	3,346544	9,041411	10,14973
8. hour	1,408821	2,618603	3,374608	9,152804	10,55126
9. hour	1,404072	2,773603	3,320207	9,295283	10,99165
24. hour	2,284423	3,854289	4,90648	11,53049	13,29551

Table S11. Release profiles of 3 mg Npx from the gels of N^2L/N^6Lys , N^2M/N^6Lys and N^2P/N^6Lys in liquid paraffin as a function of time at two different concentrations at pH 7.4 (0.1 M phosphate buffer) and 25 °C.

Gelator Elapsed Time (hour)	4 mg N^2L/N^6Lys Release%	6 mg N^2L/N^6Lys Release%	4 mg N^2M/N^6Lys Release%	6 mg N^2M/N^6Lys Release%	4 mg N^2P/N^6Lys Release%	6 mg N^2P/N^6Lys Release%
1. hour	6,553198	2,355662	6,387404	1,436021	2,998116	2,125968
2. hour	7,741824	5,1413550	7,64252	3,328410	4,207034	3,823634
3. hour	8,866549	6,1922501	8,191714	3,942799	4,73205	4,241143
4. hour	9,703293	6,3882675	8,411046	4,286909	5,198347	4,558052
5. hour	10,05345	7,0164730	8,634696	4,868053	5,686232	4,83696
6. hour	10,28055	7,3951234	8,762928	5,160784	6,193545	5,048095
7. hour	10,7054	7,6671299	9,041411	5,340826	6,497934	5,356369
8. hour	11,135	7,9520891	9,152804	5,412066	6,833408	5,528208
9. hour	11,43809	8,0902512	9,295283	5,539866	7,167588	5,689253
24. hour	17,53104	9,8932659	11,53049	6,396039	10,27494	7,467226

5. 3D STRUCTURE OF OCTAMER IN MOL2 FORMAT OBTAINED FROM AM1 CALCULATION.

@<TRIPOS>MOLECULE

Molecule Name

1200 1176

SMALL

NO_CHARGES

@<TRIPOS>ATOM

1	C1	14.4628	-12.0594	-1.1817	C
2	O2	13.9488	-11.2792	-2.0112	O
3	C3	13.5879	-12.9216	-0.2414	C
4	O4	14.1043	-13.4618	0.7582	O
5	N5	15.8188	-12.2276	-1.0558	N
6	H6	16.1431	-12.7745	-0.2870	H
7	C7	16.7764	-11.3848	-1.7169	C
8	H8	16.3035	-10.9657	-2.6511	H
9	H9	17.6458	-12.0365	-2.0215	H
10	C10	17.3012	-10.2257	-0.8650	C
11	H11	17.6139	-10.5930	0.1478	H
12	H12	16.4825	-9.4748	-0.7095	H
13	C13	18.4820	-9.5682	-1.5468	C
14	H14	18.2268	-9.3288	-2.6152	H
15	H15	19.3495	-10.2799	-1.5697	H
16	C16	18.8722	-8.2985	-0.8205	C
17	H17	19.0901	-8.5303	0.2550	H
18	H18	18.0236	-7.5629	-0.8442	H
19	C19	20.1214	-7.6609	-1.4555	C
20	H20	20.9314	-8.4532	-1.5125	H
21	C21	19.7665	-7.2741	-2.8946	C
22	O22	19.1015	-6.3193	-3.2982	O
23	O23	20.2892	-8.1511	-3.7979	O
24	C24	19.9604	-7.9708	-5.1851	C
25	H25	20.7765	-8.5402	-5.7067	H
26	H26	20.0137	-6.8826	-5.4493	H
27	C27	18.5983	-8.5424	-5.4912	C
28	H28	18.4290	-8.5312	-6.5943	H
29	H29	18.5202	-9.5932	-5.1223	H
30	H30	17.8009	-7.9315	-4.9997	H
31	N31	20.6657	-6.5533	-0.7161	N
32	H32	21.6556	-6.5053	-0.6588	H
33	C33	19.9295	-5.4745	-0.2569	C
34	O34	18.6975	-5.3975	-0.4345	O
35	C35	20.6658	-4.4017	0.5242	C
36	H36	19.8938	-3.6545	0.8572	H
37	H37	21.1163	-4.8587	1.4444	H
38	C38	21.7325	-3.7025	-0.2906	C
39	H39	22.5989	-4.3915	-0.4707	H
40	H40	21.3193	-3.4140	-1.2930	H
41	C41	22.2125	-2.4619	0.4352	C
42	H42	21.3474	-1.7597	0.5816	H
43	H43	22.5867	-2.7445	1.4546	H
44	C44	23.3100	-1.7514	-0.3279	C
45	H45	24.1971	-2.4289	-0.4369	H
46	H46	22.9522	-1.5036	-1.3619	H

47	C47	23.7210	-0.4812	0.3868	C
48	H48	22.8263	0.1881	0.5039	H
49	H49	24.0832	-0.7322	1.4188	H
50	C50	24.8064	0.2604	-0.3636	C
51	H51	25.7127	-0.3929	-0.4630	H
52	H52	24.4531	0.4971	-1.4017	H
53	C53	25.1771	1.5420	0.3525	C
54	H54	24.2615	2.1809	0.4767	H
55	H55	25.5533	1.3011	1.3818	H
56	C56	26.2326	2.3199	-0.4035	C
57	H57	25.8613	2.5528	-1.4363	H
58	H58	27.1557	1.6929	-0.5174	H
59	C59	26.5765	3.6071	0.3155	C
60	H60	25.6454	4.2190	0.4579	H
61	H61	26.9755	3.3712	1.3372	H
62	C62	27.5978	4.4172	-0.4534	C
63	H63	28.5336	3.8137	-0.5897	H
64	H64	27.2014	4.6482	-1.4773	H
65	C65	27.9251	5.7075	0.2675	C
66	H66	26.9839	6.2990	0.4274	H
67	H67	28.3446	5.4751	1.2818	H
68	C68	28.9182	6.5402	-0.5139	C
69	H69	29.8623	5.9545	-0.6687	H
70	H70	28.5008	6.7687	-1.5300	H
71	C71	29.2359	7.8340	0.2056	C
72	H72	29.6663	7.6032	1.2159	H
73	H73	28.2867	8.4092	0.3758	H
74	C74	30.2071	8.6788	-0.5775	C
75	H75	29.7841	8.9421	-1.5772	H
76	H76	30.4291	9.6254	-0.0282	H
77	H77	31.1668	8.1304	-0.7376	H
78	N78	12.2805	-13.0811	-0.6144	N
79	H79	11.9303	-12.4820	-1.3366	H
80	C80	11.2931	-13.6139	0.2943	C
81	H81	11.7854	-14.3821	0.9553	H
82	H82	10.5145	-14.1264	-0.3404	H
83	C83	10.6107	-12.5577	1.1647	C
84	H84	10.3371	-11.6647	0.5394	H
85	H85	11.3218	-12.2121	1.9599	H
86	C86	9.3554	-13.1137	1.8018	C
87	H87	9.5569	-14.1190	2.2599	H
88	H88	8.5703	-13.2658	1.0139	H
89	C89	8.8533	-12.1612	2.8656	C
90	H90	8.8482	-11.1139	2.4620	H
91	H91	9.5467	-12.1694	3.7492	H
92	C92	7.4295	-12.5159	3.3253	C
93	H93	6.7857	-12.7096	2.4079	H
94	C94	7.4915	-13.8441	4.0865	C
95	O95	7.6014	-14.0677	5.2902	O
96	O96	7.3895	-14.9137	3.2324	O
97	C97	7.4654	-16.2292	3.7929	C
98	H98	6.9656	-16.8641	3.0119	H
99	H99	6.8872	-16.2708	4.7529	H
100	C100	8.9023	-16.6389	4.0071	C
101	H101	8.9454	-17.7057	4.3306	H
102	H102	9.4890	-16.5199	3.0648	H
103	H103	9.3673	-15.9996	4.7969	H

104	N104	6.7693	-11.4861	4.0761	N
105	H105	5.7775	-11.4241	3.9532	H
106	C106	7.3801	-10.6888	5.0253	C
107	O107	8.6090	-10.7351	5.2442	O
108	C108	6.5057	-9.6963	5.7730	C
109	H109	6.9433	-8.6788	5.5887	H
110	H110	5.4494	-9.6841	5.3919	H
111	C111	6.5219	-10.0044	7.2559	C
112	H112	5.9933	-10.9747	7.4471	H
113	H113	7.5831	-10.1281	7.6008	H
114	C114	5.8523	-8.8918	8.0331	C
115	H115	6.4076	-7.9312	7.8644	H
116	H116	4.8077	-8.7414	7.6485	H
117	C117	5.8083	-9.1959	9.5152	C
118	H118	6.8443	-9.4102	9.8883	H
119	H119	5.1953	-10.1183	9.6932	H
120	C120	5.2197	-8.0329	10.2843	C
121	H121	5.8657	-7.1262	10.1428	H
122	H122	4.2065	-7.7838	9.8682	H
123	C123	5.0972	-8.3408	11.7610	C
124	H124	4.4106	-9.2156	11.9080	H
125	H125	6.0992	-8.6343	12.1709	H
126	C126	4.5677	-7.1424	12.5190	C
127	H127	5.2862	-6.2867	12.4152	H
128	H128	3.5945	-6.8123	12.0654	H
129	C129	4.3609	-7.4549	13.9853	C
130	H130	5.3228	-7.8182	14.4338	H
131	H131	3.6126	-8.2839	14.0917	H
132	C132	3.8784	-6.2328	14.7371	C
133	H133	4.6525	-5.4232	14.6723	H
134	H134	2.9461	-5.8371	14.2514	H
135	C135	3.5963	-6.5496	16.1898	C
136	H136	2.8002	-7.3374	16.2553	H
137	H137	4.5184	-6.9710	16.6702	H
138	C138	3.1516	-5.3131	16.9414	C
139	H139	3.9658	-4.5417	16.9098	H
140	H140	2.2546	-4.8666	16.4338	H
141	C141	2.8118	-5.6338	18.3808	C
142	H142	3.7012	-6.0970	18.8838	H
143	H143	1.9836	-6.3900	18.4123	H
144	C144	2.3925	-4.3910	19.1371	C
145	H145	3.2301	-3.6443	19.1212	H
146	H146	1.5175	-3.9145	18.6184	H
147	C147	2.0247	-4.7087	20.5632	C
148	H148	1.7190	-3.7794	21.1018	H
149	H149	1.1751	-5.4329	20.5995	H
150	H150	2.8920	-5.1603	21.1030	H
151	C151	10.3492	-9.7013	-3.5362	C
152	O152	9.8090	-8.7243	-4.0999	O
153	C153	9.5189	-10.6570	-2.6511	C
154	O154	10.0970	-11.4421	-1.8665	O
155	N155	11.6736	-10.0185	-3.6898	N
156	H156	12.0609	-10.7150	-3.0826	H
157	C157	12.6092	-9.0948	-4.2788	C
158	H158	12.0678	-8.4671	-5.0425	H
159	H159	13.3934	-9.7086	-4.8077	H
160	C160	13.2965	-8.1774	-3.2662	C

161	H161	13.7734	-8.7961	-2.4585	H
162	H162	12.5324	-7.5154	-2.7800	H
163	C163	14.3496	-7.3293	-3.9444	C
164	H164	13.9391	-6.8744	-4.8851	H
165	H165	15.2189	-7.9718	-4.2470	H
166	C166	14.8125	-6.2315	-3.0120	C
167	H167	15.0644	-6.6725	-2.0111	H
168	H168	13.9896	-5.4838	-2.8535	H
169	C169	16.0592	-5.5143	-3.5579	C
170	H170	16.8452	-6.2970	-3.8068	H
171	C171	15.6837	-4.8359	-4.8757	C
172	O172	15.1486	-3.7454	-5.0776	O
173	O173	15.9996	-5.6152	-5.9543	O
174	C174	15.6763	-5.1153	-7.2604	C
175	H175	14.6660	-4.6273	-7.2415	H
176	H176	15.6459	-6.0487	-7.8844	H
177	C177	16.7332	-4.1550	-7.7471	C
178	H178	16.5065	-3.8513	-8.7967	H
179	H179	16.7496	-3.2438	-7.1008	H
180	H180	17.7423	-4.6308	-7.7166	H
181	N181	16.6678	-4.5958	-2.6335	N
182	H182	17.5941	-4.8312	-2.3386	H
183	C183	15.9780	-3.6208	-1.9411	C
184	O184	14.7786	-3.3576	-2.1769	O
185	C185	16.7450	-2.8418	-0.8868	C
186	H186	16.0002	-2.4874	-0.1256	H
187	H187	17.4880	-3.4996	-0.3605	H
188	C188	17.4441	-1.6572	-1.5174	C
189	H189	18.1148	-2.0052	-2.3464	H
190	H190	16.6781	-0.9732	-1.9726	H
191	C191	18.2583	-0.9029	-0.4881	C
192	H192	17.6186	-0.6682	0.4035	H
193	H193	19.1029	-1.5497	-0.1282	H
194	C194	18.8074	0.3818	-1.0687	C
195	H195	19.3799	0.1590	-2.0074	H
196	H196	17.9547	1.0552	-1.3540	H
197	C197	19.7080	1.0920	-0.0817	C
198	H198	19.1704	1.2242	0.8943	H
199	H199	20.6140	0.4610	0.1230	H
200	C200	20.1344	2.4435	-0.6120	C
201	H201	20.6051	2.3211	-1.6230	H
202	H202	19.2285	3.0941	-0.7462	H
203	C203	21.1125	3.1208	0.3230	C
204	H204	20.6783	3.1672	1.3565	H
205	H205	22.0539	2.5121	0.3872	H
206	C206	21.4383	4.5198	-0.1531	C
207	H207	20.5044	5.1439	-0.1460	H
208	H208	21.8016	4.4822	-1.2140	H
209	C209	22.4906	5.1697	0.7188	C
210	H210	22.1648	5.1387	1.7919	H
211	H211	23.4485	4.5883	0.6474	H
212	C212	22.7305	6.6052	0.3033	C
213	H213	22.9886	6.6437	-0.7879	H
214	H214	21.7858	7.1974	0.4399	H
215	C215	23.8461	7.2344	1.1092	C
216	H216	23.6245	7.1331	2.2044	H
217	H217	24.8059	6.6852	0.9141	H

218	C218	24.0139	8.6974	0.7594	C
219	H219	24.1889	8.8039	-0.3436	H
220	H220	23.0662	9.2513	0.9981	H
221	C221	25.1684	9.3182	1.5166	C
222	H222	26.1229	8.7981	1.2340	H
223	H223	25.0210	9.1616	2.6179	H
224	C224	25.2870	10.7922	1.2267	C
225	H225	24.3472	11.3257	1.5117	H
226	H226	26.1339	11.2354	1.8038	H
227	H227	25.4713	10.9667	0.1391	H
228	N228	8.1650	-10.6081	-2.8062	N
229	H229	7.7751	-9.8755	-3.3655	H
230	C230	7.2575	-11.3201	-1.9416	C
231	H231	7.8420	-12.0472	-1.3078	H
232	H232	6.5601	-11.9093	-2.6055	H
233	C233	6.4239	-10.4132	-1.0335	C
234	H234	5.9865	-9.5668	-1.6300	H
235	H235	7.0771	-9.9664	-0.2396	H
236	C236	5.3062	-11.2076	-0.3942	C
237	H237	5.7201	-12.1326	0.0929	H
238	H238	4.5870	-11.5482	-1.1863	H
239	C239	4.5784	-10.3773	0.6417	C
240	H240	4.2999	-9.3817	0.2079	H
241	H241	5.2445	-10.1932	1.5275	H
242	C242	3.2953	-11.0898	1.1048	C
243	H243	2.6384	-11.2765	0.1958	H
244	C244	3.7073	-12.4627	1.6468	C
245	O245	4.3607	-12.7454	2.6512	O
246	O246	3.2733	-13.4765	0.8388	O
247	C247	3.5857	-14.8230	1.2217	C
248	H248	2.8353	-15.4257	0.6423	H
249	H249	3.4187	-14.9513	2.3231	H
250	C250	5.0007	-15.1845	0.8425	C
251	H251	5.1592	-16.2794	0.9904	H
252	H252	5.2000	-14.9294	-0.2254	H
253	H253	5.7297	-14.6295	1.4866	H
254	N254	2.4922	-10.3619	2.0439	N
255	H255	1.5397	-10.1997	1.7774	H
256	C256	2.9508	-9.8260	3.2320	C
257	O257	4.1524	-9.8976	3.5687	O
258	C258	1.9041	-9.1694	4.1132	C
259	H259	1.2998	-8.4410	3.5041	H
260	H260	1.2032	-9.9687	4.4754	H
261	C261	2.5329	-8.4629	5.2937	C
262	H262	3.2315	-9.1615	5.8275	H
263	H263	3.1514	-7.6013	4.9294	H
264	C264	1.4628	-7.9715	6.2446	C
265	H265	0.7395	-7.3152	5.6897	H
266	H266	0.8795	-8.8465	6.6367	H
267	C267	2.0589	-7.2022	7.4035	C
268	H268	2.6061	-6.3023	7.0174	H
269	H269	2.8112	-7.8427	7.9367	H
270	C270	0.9823	-6.7679	8.3747	C
271	H271	0.2232	-6.1391	7.8366	H
272	H272	0.4438	-7.6715	8.7657	H
273	C273	1.5612	-5.9842	9.5327	C
274	H274	2.3283	-6.6077	10.0655	H

275	H275	2.0881	-5.0726	9.1455	H
276	C276	0.4777	-5.5717	10.5056	C
277	H277	-0.2836	-4.9403	9.9735	H
278	H278	-0.0562	-6.4841	10.8819	H
279	C279	1.0485	-4.8010	11.6762	C
280	H280	1.5880	-3.8914	11.3020	H
281	H281	1.8037	-5.4352	12.2135	H
282	C282	-0.0425	-4.3849	12.6393	C
283	H283	-0.7867	-3.7352	12.1053	H
284	H284	-0.5951	-5.2937	12.9966	H
285	C285	0.5248	-3.6381	13.8270	C
286	H286	1.2559	-4.2948	14.3708	H
287	H287	1.0916	-2.7378	13.4707	H
288	C288	-0.5718	-3.2050	14.7761	C
289	H289	-1.2908	-2.5313	14.2371	H
290	H290	-1.1528	-4.1033	15.1145	H
291	C291	-0.0049	-2.4852	15.9805	C
292	H292	0.5883	-1.5949	15.6430	H
293	H293	0.7023	-3.1656	16.5269	H
294	C294	-1.1026	-2.0357	16.9212	C
295	H295	-1.8000	-1.3424	16.3782	H
296	H296	-1.7070	-2.9252	17.2419	H
297	C297	-0.5397	-1.3425	18.1349	C
298	H298	0.1404	-2.0271	18.6987	H
299	H299	0.0436	-0.4377	17.8375	H
300	H300	-1.3638	-1.0227	18.8172	H
301	C301	6.2708	-6.8141	-5.2944	C
302	O302	5.7192	-5.7771	-5.7250	O
303	C303	5.4430	-7.8990	-4.5717	C
304	O304	6.0110	-8.7379	-3.8376	O
305	N305	7.5997	-7.0868	-5.4668	N
306	H306	7.9945	-7.8551	-4.9599	H
307	C307	8.5226	-6.1060	-5.9768	C
308	H308	7.9562	-5.3726	-6.6189	H
309	H309	9.2627	-6.6555	-6.6273	H
310	C310	9.2895	-5.3409	-4.8966	C
311	H311	9.7741	-6.0659	-4.1885	H
312	H312	8.5785	-4.7096	-4.3021	H
313	C313	10.3475	-4.4655	-5.5317	C
314	H314	9.9048	-3.8689	-6.3755	H
315	H315	11.1510	-5.1106	-5.9769	H
316	C316	10.9472	-3.5256	-4.5089	C
317	H317	11.2909	-4.1109	-3.6153	H
318	H318	10.1777	-2.7877	-4.1570	H
319	C319	12.1528	-2.7683	-5.0933	C
320	H320	12.8828	-3.5297	-5.5187	H
321	C321	11.6529	-1.9319	-6.2718	C
322	O322	11.0298	-0.8701	-6.2839	O
323	O323	11.9644	-2.5190	-7.4676	O
324	C324	11.4880	-1.8974	-8.6689	C
325	H325	12.1892	-2.2936	-9.4519	H
326	H326	11.5860	-0.7832	-8.5893	H
327	C327	10.0605	-2.3007	-8.9478	C
328	H328	9.7505	-1.9134	-9.9473	H
329	H329	9.9569	-3.4121	-8.9394	H
330	H330	9.3799	-1.8750	-8.1694	H
331	N331	12.8930	-1.9806	-4.1451	N

332	H332	13.8097	-2.3288	-3.9343	H
333	C333	12.3265	-1.0710	-3.2745	C
334	O334	11.1274	-0.7242	-3.3569	O
335	C335	13.2347	-0.4623	-2.2183	C
336	H336	12.6327	-0.3796	-1.2746	H
337	H337	14.1161	-1.1249	-2.0014	H
338	C338	13.6990	0.9100	-2.6578	C
339	H339	14.2429	0.8334	-3.6358	H
340	H340	12.8035	1.5678	-2.8238	H
341	C341	14.6073	1.5302	-1.6175	C
342	H342	14.1083	1.4971	-0.6129	H
343	H343	15.5525	0.9290	-1.5371	H
344	C344	14.9448	2.9643	-1.9655	C
345	H345	15.3828	3.0109	-2.9971	H
346	H346	14.0039	3.5775	-1.9776	H
347	C347	15.9227	3.5512	-0.9704	C
348	H348	15.5223	3.4236	0.0701	H
349	H349	16.8938	2.9894	-1.0213	H
350	C350	16.1726	5.0200	-1.2377	C
351	H351	16.5242	5.1581	-2.2939	H
352	H352	15.2104	5.5893	-1.1323	H
353	C353	17.2032	5.5804	-0.2811	C
354	H354	16.8857	5.3753	0.7755	H
355	H355	18.1849	5.0580	-0.4376	H
356	C356	17.3858	7.0706	-0.4727	C
357	H357	16.4147	7.5970	-0.2696	H
358	H358	17.6603	7.2840	-1.5392	H
359	C359	18.4597	7.6117	0.4468	C
360	H360	18.2170	7.3410	1.5084	H
361	H361	19.4439	7.1301	0.2005	H
362	C362	18.5853	9.1150	0.3249	C
363	H363	18.7904	9.3916	-0.7427	H
364	H364	17.6120	9.5975	0.6103	H
365	C365	19.6935	9.6458	1.2090	C
366	H366	19.5167	9.3224	2.2689	H
367	H367	20.6753	9.2042	0.8892	H
368	C368	19.7703	11.1559	1.1471	C
369	H369	19.9205	11.4829	0.0845	H
370	H370	18.7968	11.5961	1.4937	H
371	C371	20.8993	11.6868	2.0049	C
372	H372	21.8768	11.2747	1.6356	H
373	H373	20.7681	11.3266	3.0596	H
374	C374	20.9426	13.1929	1.9868	C
375	H375	19.9821	13.6182	2.3685	H
376	H376	21.7749	13.5660	2.6309	H
377	H377	21.1034	13.5706	0.9481	H
378	N378	4.1013	-7.9058	-4.8243	N
379	H379	3.7041	-7.1137	-5.2899	H
380	C380	3.1876	-8.7706	-4.1218	C
381	H381	3.7674	-9.6208	-3.6612	H
382	H382	2.4815	-9.1969	-4.8923	H
383	C383	2.3668	-8.0728	-3.0353	C
384	H384	1.9392	-7.1126	-3.4333	H
385	H385	3.0274	-7.8162	-2.1667	H
386	C386	1.2409	-8.9747	-2.5789	C
387	H387	1.6393	-9.9940	-2.3233	H
388	H388	0.5078	-9.1131	-3.4184	H

389	C389	0.5375	-8.3913	-1.3722	C
390	H390	0.2684	-7.3207	-1.5699	H
391	H391	1.2144	-8.4133	-0.4765	H
392	C392	-0.7501	-9.1750	-1.0624	C
393	H393	-1.3937	-9.1931	-2.0002	H
394	C394	-0.3494	-10.6253	-0.7749	C
395	O395	0.2136	-11.1088	0.2078	O
396	O396	-0.6755	-11.4533	-1.8128	O
397	C397	-0.3801	-12.8507	-1.6809	C
398	H398	-1.0453	-13.3161	-2.4579	H
399	H399	-0.6729	-13.2036	-0.6577	H
400	C400	1.0762	-13.1341	-1.9564	C
401	H401	1.2200	-14.2296	-2.1131	H
402	H402	1.4169	-12.5893	-2.8692	H
403	H403	1.7068	-12.8117	-1.0897	H
404	N404	-1.5672	-8.6227	-0.0205	N
405	H405	-2.5131	-8.4088	-0.2759	H
406	C406	-1.1190	-8.2733	1.2379	C
407	O407	0.0708	-8.4420	1.5855	O
408	C408	-2.1604	-7.7120	2.1903	C
409	H409	-2.9074	-7.0811	1.6328	H
410	H410	-2.7131	-8.5845	2.6314	H
411	C411	-1.5228	-6.8929	3.2915	C
412	H412	-0.7165	-7.4927	3.7930	H
413	H413	-1.0304	-5.9880	2.8483	H
414	C414	-2.5630	-6.4699	4.3072	C
415	H415	-3.3951	-5.9226	3.7876	H
416	H416	-3.0140	-7.3807	4.7831	H
417	C417	-1.9666	-5.5823	5.3786	C
418	H418	-1.5520	-4.6516	4.9092	H
419	H419	-1.1100	-6.1117	5.8756	H
420	C420	-3.0047	-5.2116	6.4164	C
421	H421	-3.8720	-4.7038	5.9151	H
422	H422	-3.4023	-6.1440	6.8978	H
423	C423	-2.4301	-4.2994	7.4790	C
424	H424	-1.5483	-4.7952	7.9666	H
425	H425	-2.0565	-3.3548	7.0030	H
426	C426	-3.4678	-3.9651	8.5293	C
427	H427	-4.3550	-3.4804	8.0401	H
428	H428	-3.8328	-4.9110	9.0099	H
429	C429	-2.9079	-3.0419	9.5901	C
430	H430	-2.5565	-2.0892	9.1133	H
431	H431	-2.0134	-3.5196	10.0727	H
432	C432	-3.9466	-2.7298	10.6461	C
433	H433	-4.8447	-2.2592	10.1631	H
434	H434	-4.2926	-3.6836	11.1255	H
435	C435	-3.3966	-1.8005	11.7066	C
436	H436	-2.4963	-2.2683	12.1882	H
437	H437	-3.0562	-0.8440	11.2294	H
438	C438	-4.4371	-1.4993	12.7640	C
439	H439	-5.3401	-1.0364	12.2830	H
440	H440	-4.7736	-2.4565	13.2431	H
441	C441	-3.8924	-0.5662	13.8237	C
442	H442	-3.5567	0.3916	13.3458	H
443	H443	-2.9898	-1.0290	14.3060	H
444	C444	-4.9327	-0.2674	14.8823	C
445	H445	-5.8369	0.1928	14.4004	H

446	H446	-5.2672	-1.2270	15.3583	H
447	C447	-4.3938	0.6609	15.9398	C
448	H448	-3.5075	0.2071	16.4473	H
449	H449	-4.0783	1.6326	15.4884	H
450	H450	-5.1750	0.8671	16.7106	H
451	C451	2.1787	-3.7943	-6.6832	C
452	O452	1.6065	-2.7110	-6.9354	O
453	C453	1.3701	-5.0006	-6.1594	C
454	O454	1.9408	-5.9095	-5.5168	O
455	N455	3.5118	-4.0115	-6.8944	N
456	H456	3.9215	-4.8409	-6.5107	H
457	C457	4.4166	-2.9460	-7.2420	C
458	H458	3.8275	-2.1012	-7.7003	H
459	H459	5.1223	-3.3537	-8.0226	H
460	C460	5.2385	-2.4096	-6.0687	C
461	H461	5.7465	-3.2602	-5.5386	H
462	H462	4.5618	-1.9058	-5.3301	H
463	C463	6.2752	-1.4282	-6.5695	C
464	H464	5.7994	-0.6787	-7.2594	H
465	H465	7.0525	-1.9737	-7.1690	H
466	C466	6.9316	-0.7047	-5.4139	C
467	H467	7.3340	-1.4522	-4.6806	H
468	H468	6.1823	-0.0666	-4.8737	H
469	C469	8.0925	0.1765	-5.9087	C
470	H470	8.7926	-0.4702	-6.5298	H
471	C471	7.5049	1.2263	-6.8538	C
472	O472	6.8497	2.2391	-6.6072	O
473	O473	7.7653	0.9213	-8.1619	O
474	C474	7.2085	1.7681	-9.1760	C
475	H475	7.8782	1.5789	-10.0577	H
476	H476	7.2776	2.8419	-8.8605	H
477	C477	5.7804	1.3776	-9.4706	C
478	H478	5.1327	1.5872	-8.5836	H
479	H479	5.4026	1.9664	-10.3398	H
480	H480	5.7115	0.2894	-9.7097	H
481	N481	8.8943	0.7676	-4.8730	N
482	H482	9.8301	0.4120	-4.8056	H
483	C483	8.3871	1.4903	-3.8120	C
484	O484	7.1784	1.8064	-3.7382	O
485	C485	9.3666	1.9305	-2.7368	C
486	H486	8.8760	1.7378	-1.7459	H
487	H487	10.3164	1.3306	-2.7667	H
488	C488	9.6696	3.4063	-2.8868	C
489	H489	10.0903	3.6068	-3.9071	H
490	H490	8.7145	3.9911	-2.7986	H
491	C491	10.6545	3.8639	-1.8323	C
492	H492	10.2853	3.5650	-0.8156	H
493	H493	11.6403	3.3497	-1.9904	H
494	C494	10.8492	5.3643	-1.8778	C
495	H495	11.1518	5.6756	-2.9122	H
496	H496	9.8751	5.8749	-1.6505	H
497	C497	11.9015	5.8091	-0.8849	C
498	H498	11.6416	5.4243	0.1366	H
499	H499	12.8936	5.3624	-1.1632	H
500	C500	12.0182	7.3175	-0.8415	C
501	H501	12.2260	7.7107	-1.8713	H
502	H502	11.0405	7.7597	-0.5098	H

503	C503	13.1196	7.7533	0.1008	C
504	H504	12.9496	7.3003	1.1133	H
505	H505	14.1068	7.3683	-0.2711	H
506	C506	13.1768	9.2606	0.2253	C
507	H507	12.2052	9.6398	0.6421	H
508	H508	13.3016	9.7194	-0.7907	H
509	C509	14.3176	9.6925	1.1215	C
510	H510	14.2268	9.1838	2.1176	H
511	H511	15.2936	9.3658	0.6722	H
512	C512	14.3260	11.1930	1.3193	C
513	H513	14.3784	11.7049	0.3225	H
514	H514	13.3651	11.5130	1.8049	H
515	C515	15.4966	11.6270	2.1752	C
516	H516	15.4733	11.0755	3.1521	H
517	H517	16.4586	11.3528	1.6648	H
518	C518	15.4646	13.1176	2.4346	C
519	H519	15.4619	13.6705	1.4585	H
520	H520	14.5134	13.3856	2.9687	H
521	C521	16.6518	13.5592	3.2638	C
522	H522	17.6021	13.3220	2.7141	H
523	H523	16.6735	12.9786	4.2238	H
524	C524	16.5936	15.0342	3.5664	C
525	H525	15.6612	15.2833	4.1299	H
526	H526	17.4721	15.3396	4.1843	H
527	H527	16.6012	15.6313	2.6225	H
528	N528	0.0441	-5.0274	-6.4867	N
529	H529	-0.3689	-4.1898	-6.8473	H
530	C530	-0.8578	-6.0196	-5.9594	C
531	H531	-0.2610	-6.9151	-5.6233	H
532	H532	-1.5292	-6.3370	-6.8093	H
533	C533	-1.7291	-5.5314	-4.8006	C
534	H534	-2.2054	-4.5488	-5.0666	H
535	H535	-1.0942	-5.3655	-3.8917	H
536	C536	-2.8053	-6.5511	-4.4993	C
537	H537	-2.3515	-7.5733	-4.3884	H
538	H538	-3.5226	-6.6059	-5.3617	H
539	C539	-3.5506	-6.1909	-3.2321	C
540	H540	-3.8775	-5.1189	-3.2754	H
541	H541	-2.8820	-6.3079	-2.3378	H
542	C542	-4.7952	-7.0799	-3.0636	C
543	H543	-5.4279	-6.9921	-4.0048	H
544	C544	-4.3193	-8.5336	-2.9860	C
545	O545	-3.7430	-9.1276	-2.0741	O
546	O546	-4.5893	-9.2132	-4.1409	O
547	C547	-4.2191	-10.5969	-4.2138	C
548	H548	-4.8626	-10.9800	-5.0516	H
549	H549	-4.4857	-11.1112	-3.2539	H
550	C550	-2.7513	-10.7560	-4.5255	C
551	H551	-2.5462	-11.8105	-4.8281	H
552	H552	-2.4496	-10.0746	-5.3565	H
553	H553	-2.1334	-10.5175	-3.6232	H
554	N554	-5.6509	-6.7324	-1.9656	N
555	H555	-6.6002	-6.5163	-2.2060	H
556	C556	-5.2347	-6.5632	-0.6605	C
557	O557	-4.0439	-6.7392	-0.3181	O
558	C558	-6.3078	-6.1969	0.3498	C
559	H559	-7.1375	-5.6125	-0.1364	H

560	H560	-6.7440	-7.1593	0.7300	H
561	C561	-5.7319	-5.3980	1.4990	C
562	H562	-4.8401	-5.9324	1.9239	H
563	H563	-5.3714	-4.4053	1.1215	H
564	C564	-6.7752	-5.1917	2.5763	C
565	H565	-7.6939	-4.7272	2.1267	H
566	H566	-7.0805	-6.1856	2.9982	H
567	C567	-6.2556	-4.3066	3.6888	C
568	H568	-6.0040	-3.2936	3.2775	H
569	H569	-5.3068	-4.7393	4.1051	H
570	C570	-7.2794	-4.1684	4.7952	C
571	H571	-8.2464	-3.7896	4.3675	H
572	H572	-7.4886	-5.1770	5.2403	H
573	C573	-6.8032	-3.2249	5.8786	C
574	H574	-5.8137	-3.5757	6.2772	H
575	H575	-6.6407	-2.2036	5.4437	H
576	C576	-7.8060	-3.1436	7.0097	C
577	H577	-8.8075	-2.8380	6.6036	H
578	H578	-7.9333	-4.1583	7.4714	H
579	C579	-7.3678	-2.1555	8.0690	C
580	H580	-7.2798	-1.1327	7.6163	H
581	H581	-6.3495	-2.4371	8.4497	H
582	C582	-8.3483	-2.1195	9.2217	C
583	H583	-9.3741	-1.8737	8.8365	H
584	H584	-8.4086	-3.1352	9.6947	H
585	C585	-7.9405	-1.0986	10.2618	C
586	H586	-6.9015	-1.3237	10.6238	H
587	H587	-7.9141	-0.0778	9.7971	H
588	C588	-8.8972	-1.0988	11.4349	C
589	H589	-9.9405	-0.8977	11.0714	H
590	H590	-8.9048	-2.1139	11.9129	H
591	C591	-8.5084	-0.0572	12.4616	C
592	H592	-8.5304	0.9612	11.9914	H
593	H593	-7.4543	-0.2403	12.8034	H
594	C594	-9.4388	-0.0846	13.6556	C
595	H595	-10.4942	0.0909	13.3134	H
596	H596	-9.4114	-1.1029	14.1267	H
597	C597	-9.0560	0.9555	14.6764	C
598	H598	-8.0107	0.7886	15.0351	H
599	H599	-9.1146	1.9804	14.2364	H
600	H600	-9.7429	0.9091	15.5555	H
601	C601	-1.9550	-0.6598	-7.5640	C
602	O602	-2.5560	0.4369	-7.5951	O
603	C603	-2.7369	-1.9694	-7.3256	C
604	O604	-2.1471	-2.9892	-6.9046	O
605	N605	-0.6127	-0.7902	-7.7846	N
606	H606	-0.1830	-1.6707	-7.5778	H
607	C607	0.2626	0.3494	-7.8893	C
608	H608	-0.3478	1.2553	-8.1680	H
609	H609	0.9850	0.1339	-8.7290	H
610	C610	1.0605	0.6505	-6.6194	C
611	H611	1.5744	-0.2827	-6.2617	H
612	H612	0.3665	0.9882	-5.8061	H
613	C613	2.0902	1.7245	-6.8955	C
614	H614	1.6099	2.6030	-7.4050	H
615	H615	2.8697	1.3259	-7.5989	H
616	C616	2.7432	2.1820	-5.6092	C

617	H617	3.1305	1.2917	-5.0471	H
618	H618	1.9957	2.6994	-4.9504	H
619	C619	3.9168	3.1343	-5.8971	C
620	H620	4.5903	2.6501	-6.6752	H
621	C621	3.3468	4.4058	-6.5317	C
622	O622	2.7287	5.3370	-6.0144	O
623	O623	3.5839	4.4511	-7.8773	O
624	C624	3.1537	5.6123	-8.6006	C
625	H625	3.7829	5.5700	-9.5307	H
626	H626	3.3945	6.5356	-8.0115	H
627	C627	1.6818	5.5465	-8.9260	C
628	H628	1.4306	6.3322	-9.6784	H
629	H629	1.4151	4.5455	-9.3417	H
630	H630	1.0698	5.7284	-8.0071	H
631	N631	4.7492	3.4355	-4.7650	N
632	H632	5.6970	3.1133	-4.8283	H
633	C633	4.2790	3.8834	-3.5479	C
634	O634	3.0669	4.1251	-3.3499	O
635	C635	5.3009	4.1158	-2.4471	C
636	H636	4.8820	3.6707	-1.5061	H
637	H637	6.2750	3.5991	-2.6629	H
638	C638	5.5190	5.6034	-2.2672	C
639	H639	5.8589	6.0566	-3.2355	H
640	H640	4.5430	6.0895	-1.9960	H
641	C641	6.5477	5.8778	-1.1915	C
642	H642	6.2595	5.3462	-0.2465	H
643	H643	7.5442	5.4697	-1.5102	H
644	C644	6.6663	7.3627	-0.9224	C
645	H645	6.8765	7.9043	-1.8823	H
646	H646	5.6872	7.7508	-0.5320	H
647	C647	7.7648	7.6572	0.0759	C
648	H648	7.5935	7.0630	1.0121	H
649	H649	8.7537	7.3321	-0.3454	H
650	C650	7.8160	9.1317	0.4136	C
651	H651	7.9278	9.7308	-0.5285	H
652	H652	6.8462	9.4409	0.8882	H
653	C653	8.9630	9.4427	1.3508	C
654	H654	8.8849	8.8013	2.2680	H
655	H655	9.9364	9.1883	0.8519	H
656	C656	8.9636	10.9022	1.7517	C
657	H657	8.0094	11.1424	2.2932	H
658	H658	8.9925	11.5458	0.8332	H
659	C659	10.1470	11.2288	2.6370	C
660	H660	10.1494	10.5482	3.5289	H
661	H661	11.1009	11.0400	2.0752	H
662	C662	10.1057	12.6694	3.0992	C
663	H663	10.0635	13.3503	2.2086	H
664	H664	9.1694	12.8456	3.6941	H
665	C665	11.3153	13.0115	3.9422	C
666	H666	11.3857	12.2993	4.8063	H
667	H667	12.2489	12.8825	3.3315	H
668	C668	11.2385	14.4312	4.4608	C
669	H669	11.1431	15.1430	3.5990	H
670	H670	10.3169	14.5512	5.0916	H
671	C671	12.4616	14.7876	5.2788	C
672	H672	13.3795	14.7020	4.6371	H
673	H673	12.5771	14.0518	6.1182	H

674	C674	12.3615	16.1826	5.8395	C
675	H675	11.4610	16.2795	6.4943	H
676	H676	13.2672	16.4240	6.4464	H
677	H677	12.2774	16.9334	5.0169	H
678	N678	-4.0643	-1.9481	-7.6473	N
679	H679	-4.4959	-1.0611	-7.8177	H
680	C680	-4.9433	-3.0533	-7.3622	C
681	H681	-4.3258	-3.9862	-7.2226	H
682	H682	-5.6003	-3.1931	-8.2692	H
683	C683	-5.8357	-2.8518	-6.1360	C
684	H684	-6.3403	-1.8491	-6.1903	H
685	H685	-5.2119	-2.8677	-5.2047	H
686	C686	-6.8815	-3.9432	-6.0749	C
687	H687	-6.3946	-4.9524	-6.1612	H
688	H688	-7.5799	-3.8437	-6.9488	H
689	C689	-7.6639	-3.8697	-4.7812	C
690	H690	-8.0418	-2.8252	-4.6255	H
691	H691	-7.0058	-4.1275	-3.9090	H
692	C692	-8.8656	-4.8301	-4.8199	C
693	H693	-9.4738	-4.6047	-5.7542	H
694	C694	-8.3177	-6.2510	-4.9814	C
695	O695	-7.7464	-6.9738	-4.1643	O
696	O696	-8.5077	-6.7216	-6.2508	O
697	C697	-8.0596	-8.0499	-6.5539	C
698	H698	-8.6532	-8.3063	-7.4729	H
699	H699	-8.3286	-8.7416	-5.7135	H
700	C700	-6.5759	-8.0786	-6.8273	C
701	H701	-6.3053	-9.0442	-7.3170	H
702	H702	-6.2836	-7.2365	-7.4992	H
703	H703	-6.0013	-7.9906	-5.8709	H
704	N704	-9.7702	-4.7235	-3.7111	N
705	H705	-10.7204	-4.5042	-3.9448	H
706	C706	-9.4002	-4.7739	-2.3826	C
707	O707	-8.2122	-4.9573	-2.0343	O
708	C708	-10.5157	-4.6425	-1.3603	C
709	H709	-11.3794	-4.0523	-1.7743	H
710	H710	-10.8832	-5.6804	-1.1402	H
711	C711	-10.0174	-3.9869	-0.0906	C
712	H712	-9.0943	-4.5144	0.2716	H
713	H713	-9.7266	-2.9254	-0.3067	H
714	C714	-11.0867	-4.0192	0.9805	C
715	H715	-12.0325	-3.5614	0.5833	H
716	H716	-11.3211	-5.0840	1.2457	H
717	C717	-10.6462	-3.2717	2.2206	C
718	H718	-10.4701	-2.1932	1.9665	H
719	H719	-9.6698	-3.6886	2.5862	H
720	C720	-11.6844	-3.3741	3.3174	C
721	H721	-12.6766	-3.0166	2.9315	H
722	H722	-11.8134	-4.4487	3.6131	H
723	C723	-11.2894	-2.5573	4.5286	C
724	H724	-10.2732	-2.8769	4.8841	H
725	H725	-11.2136	-1.4748	4.2435	H
726	C726	-12.2929	-2.7194	5.6501	C
727	H727	-13.3187	-2.4512	5.2799	H
728	H728	-12.3283	-3.7942	5.9700	H
729	C729	-11.9392	-1.8473	6.8354	C
730	H730	-11.9505	-0.7691	6.5254	H

731	H731	-10.8954	-2.0815	7.1773	H
732	C732	-12.9066	-2.0577	7.9804	C
733	H733	-13.9555	-1.8651	7.6284	H
734	H734	-12.8629	-3.1269	8.3174	H
735	C735	-12.5873	-1.1442	9.1440	C
736	H736	-11.5245	-1.3059	9.4691	H
737	H737	-12.6728	-0.0745	8.8166	H
738	C738	-13.5178	-1.3944	10.3114	C
739	H739	-14.5828	-1.2620	9.9807	H
740	H740	-13.4095	-2.4563	10.6571	H
741	C741	-13.2223	-0.4535	11.4593	C
742	H742	-13.3683	0.6070	11.1235	H
743	H743	-12.1463	-0.5574	11.7644	H
744	C744	-14.1146	-0.7359	12.6493	C
745	H745	-15.1910	-0.6417	12.3423	H
746	H746	-13.9610	-1.7946	12.9880	H
747	C747	-13.8263	0.2070	13.7888	C
748	H748	-12.7574	0.1266	14.1050	H
749	H749	-14.0216	1.2640	13.4852	H
750	H750	-14.4737	-0.0334	14.6662	H
751	C751	-6.1671	2.4842	-7.6749	C
752	O752	-6.7888	3.5360	-7.4074	O
753	C753	-6.9274	1.1496	-7.8258	C
754	O754	-6.3322	0.0611	-7.6661	O
755	N755	-4.8208	2.4396	-7.8996	N
756	H756	-4.3764	1.5439	-7.9442	H
757	C757	-3.9669	3.5789	-7.6812	C
758	H758	-4.5981	4.5132	-7.6701	H
759	H759	-3.2622	3.6355	-8.5611	H
760	C760	-3.1411	3.5142	-6.3948	C
761	H761	-2.6153	2.5237	-6.3254	H
762	H762	-3.8154	3.6044	-5.5038	H
763	C763	-2.1241	4.6338	-6.3878	C
764	H764	-2.6282	5.6113	-6.6172	H
765	H765	-1.3676	4.4595	-7.1993	H
766	C766	-1.4268	4.7318	-5.0483	C
767	H767	-1.0205	3.7284	-4.7559	H
768	H768	-2.1494	5.0535	-4.2516	H
769	C769	-0.2616	5.7344	-5.1236	C
770	H770	0.4226	5.4211	-5.9767	H
771	C771	-0.8468	7.0967	-5.5058	C
772	O772	-1.5003	7.8984	-4.8371	O
773	O773	-0.5901	7.4048	-6.8130	O
774	C774	-1.0836	8.6676	-7.2925	C
775	H775	-0.5228	9.4847	-6.7682	H
776	H776	-2.1742	8.7555	-7.0454	H
777	C777	-0.8386	8.6802	-8.7820	C
778	H778	-1.4853	7.9276	-9.2928	H
779	H779	-1.0730	9.6951	-9.1822	H
780	H780	0.2277	8.4333	-9.0050	H
781	N781	0.5621	5.8129	-3.9514	N
782	H782	1.5270	5.5725	-4.0826	H
783	C783	0.0920	6.0128	-2.6710	C
784	O784	-1.1242	6.1794	-2.4279	O
785	C785	1.1192	6.0594	-1.5513	C
786	H786	0.7129	5.4510	-0.7008	H
787	H787	2.0973	5.6012	-1.8615	H

788	C788	1.3204	7.4955	-1.1154	C
789	H789	1.6388	8.1166	-1.9939	H
790	H790	0.3420	7.9107	-0.7506	H
791	C791	2.3617	7.5976	-0.0216	C
792	H792	2.0992	6.9031	0.8193	H
793	H793	3.3601	7.2729	-0.4202	H
794	C794	2.4552	9.0155	0.5003	C
795	H795	2.6258	9.7208	-0.3556	H
796	H796	1.4790	9.3035	0.9757	H
797	C797	3.5740	9.1653	1.5084	C
798	H798	3.4368	8.4239	2.3390	H
799	H799	4.5573	8.9340	1.0179	H
800	C800	3.6068	10.5672	2.0783	C
801	H801	3.6787	11.3116	1.2417	H
802	H802	2.6453	10.7730	2.6212	H
803	C803	4.7738	10.7549	3.0234	C
804	H804	4.7236	9.9894	3.8419	H
805	H805	5.7371	10.5859	2.4716	H
806	C806	4.7700	12.1436	3.6252	C
807	H807	3.8234	12.2955	4.2104	H
808	H808	4.7769	12.9093	2.8051	H
809	C809	5.9656	12.3583	4.5280	C
810	H810	5.9797	11.5721	5.3283	H
811	H811	6.9120	12.2425	3.9347	H
812	C812	5.9303	13.7307	5.1651	C
813	H813	5.8865	14.5163	4.3652	H
814	H814	4.9964	13.8341	5.7805	H
815	C815	7.1436	13.9648	6.0391	C
816	H816	7.2107	13.1566	6.8145	H
817	H817	8.0754	13.9021	5.4154	H
818	C818	7.0766	15.3153	6.7187	C
819	H819	6.9910	16.1230	5.9448	H
820	H820	6.1530	15.3695	7.3556	H
821	C821	8.2989	15.5640	7.5767	C
822	H822	9.2189	15.5448	6.9325	H
823	H823	8.4043	14.7354	8.3260	H
824	C824	8.2087	16.8862	8.2939	C
825	H825	7.3065	16.9155	8.9528	H
826	H826	9.1141	17.0478	8.9271	H
827	H827	8.1345	17.7273	7.5628	H
828	N828	-8.2421	1.2432	-8.1878	N
829	H829	-8.6841	2.1400	-8.1308	H
830	C830	-9.1102	0.0946	-8.2261	C
831	H831	-8.4821	-0.8358	-8.3300	H
832	H832	-9.7515	0.1967	-9.1491	H
833	C833	-10.0229	-0.0469	-7.0066	C
834	H834	-10.5641	0.9204	-6.8211	H
835	H835	-9.4091	-0.2718	-6.0957	H
836	C836	-11.0253	-1.1558	-7.2381	C
837	H837	-10.4981	-2.0956	-7.5572	H
838	H838	-11.7158	-0.8700	-8.0767	H
839	C839	-11.8261	-1.4276	-5.9830	C
840	H840	-12.2637	-0.4688	-5.5991	H
841	H841	-11.1661	-1.8461	-5.1771	H
842	C842	-12.9700	-2.4148	-6.2738	C
843	H843	-13.5532	-2.0314	-7.1716	H
844	C844	-12.3397	-3.7458	-6.6922	C

845	O845	-11.7699	-4.5982	-6.0105	O
846	O846	-12.4446	-3.9484	-8.0402	O
847	C847	-11.9087	-5.1617	-8.5860	C
848	H848	-12.4502	-5.2509	-9.5666	H
849	H849	-12.1692	-6.0251	-7.9198	H
850	C850	-10.4164	-5.0599	-8.7855	C
851	H851	-9.8842	-5.1550	-7.8058	H
852	H852	-10.0729	-5.8818	-9.4578	H
853	H853	-10.1473	-4.0787	-9.2450	H
854	N854	-13.9213	-2.5784	-5.2114	N
855	H855	-14.8662	-2.3303	-5.4349	H
856	C856	-13.5949	-2.8650	-3.9012	C
857	O857	-12.4142	-3.0798	-3.5472	O
858	C858	-14.7466	-2.9561	-2.9150	C
859	H859	-15.6237	-2.3393	-3.2545	H
860	H860	-15.0716	-4.0303	-2.8861	H
861	C861	-14.3139	-2.5052	-1.5366	C
862	H862	-13.3850	-3.0587	-1.2322	H
863	H863	-14.0526	-1.4147	-1.5648	H
864	C864	-15.4140	-2.7435	-0.5246	C
865	H865	-16.3605	-2.2482	-0.8716	H
866	H866	-15.6246	-3.8429	-0.4490	H
867	C867	-15.0310	-2.2038	0.8366	C
868	H868	-14.8732	-1.0949	0.7700	H
869	H869	-14.0561	-2.6568	1.1612	H
870	C870	-16.0983	-2.5054	1.8665	C
871	H871	-17.0866	-2.1047	1.5144	H
872	H872	-16.2127	-3.6162	1.9752	H
873	C873	-15.7543	-1.8954	3.2082	C
874	H874	-14.7418	-2.2536	3.5364	H
875	H875	-15.6929	-0.7795	3.1089	H
876	C876	-16.7838	-2.2570	4.2571	C
877	H877	-17.8044	-1.9456	3.9073	H
878	H878	-16.8071	-3.3705	4.3927	H
879	C879	-16.4766	-1.5895	5.5803	C
880	H880	-16.5029	-0.4750	5.4539	H
881	H881	-15.4364	-1.8601	5.9061	H
882	C882	-17.4655	-2.0037	6.6485	C
883	H883	-18.5098	-1.7730	6.3060	H
884	H884	-17.4073	-3.1132	6.8047	H
885	C885	-17.1917	-1.2911	7.9553	C
886	H886	-16.1321	-1.4832	8.2745	H
887	H887	-17.2957	-0.1837	7.8084	H
888	C888	-18.1391	-1.7509	9.0424	C
889	H889	-19.2001	-1.5890	8.7120	H
890	H890	-18.0109	-2.8527	9.2111	H
891	C891	-17.8911	-1.0062	10.3363	C
892	H892	-18.0606	0.0914	10.1770	H
893	H893	-16.8184	-1.1324	10.6446	H
894	C894	-18.7968	-1.5036	11.4428	C
895	H895	-19.8695	-1.3886	11.1302	H
896	H896	-18.6180	-2.5992	11.6071	H
897	C897	-18.5579	-0.7535	12.7277	C
898	H898	-17.4925	-0.8545	13.0498	H
899	H899	-18.7813	0.3330	12.5975	H
900	H900	-19.2122	-1.1535	13.5393	H
901	C901	-10.4423	5.5654	-7.1795	C

902	O902	-11.1198	6.5623	-6.8419	O
903	C903	-11.1462	4.2888	-7.6895	C
904	O904	-10.5307	3.2016	-7.7530	O
905	N905	-9.0806	5.5381	-7.1585	N
906	H906	-8.6108	4.6758	-7.3490	H
907	C907	-8.2862	6.6243	-6.6426	C
908	H908	-8.9701	7.4486	-6.2888	H
909	H909	-7.6663	7.0251	-7.4973	H
910	C910	-7.3480	6.2207	-5.5031	C
911	H911	-6.7813	5.2901	-5.7785	H
912	H912	-7.9449	5.9933	-4.5819	H
913	C913	-6.3732	7.3442	-5.2226	C
914	H914	-6.9299	8.3149	-5.1095	H
915	H915	-5.6786	7.4656	-6.0960	H
916	C916	-5.5759	7.0737	-3.9644	C
917	H917	-5.0691	6.0766	-4.0399	H
918	H918	-6.2574	7.0471	-3.0715	H
919	C919	-4.5044	8.1593	-3.7572	C
920	H920	-3.8456	8.1956	-4.6826	H
921	C921	-5.2319	9.5054	-3.6674	C
922	O922	-5.9677	9.9421	-2.7819	O
923	O923	-5.0046	10.2797	-4.7706	O
924	C924	-5.6250	11.5713	-4.8279	C
925	H925	-5.0136	12.1041	-5.6055	H
926	H926	-5.5229	12.0842	-3.8360	H
927	C927	-7.0737	11.4668	-5.2375	C
928	H928	-7.4569	12.4775	-5.5152	H
929	H929	-7.1864	10.7828	-6.1124	H
930	H930	-7.6908	11.0715	-4.3911	H
931	N931	-3.6273	7.9656	-2.6363	N
932	H932	-2.6594	7.8313	-2.8575	H
933	C933	-4.0493	7.7364	-1.3415	C
934	O934	-5.2583	7.6169	-1.0462	O
935	C935	-2.9835	7.6841	-0.2586	C
936	H936	-3.3546	6.9920	0.5430	H
937	H937	-2.0171	7.2700	-0.6533	H
938	C938	-2.7779	9.0732	0.3106	C
939	H939	-2.4036	9.7595	-0.4938	H
940	H940	-3.7651	9.4770	0.6648	H
941	C941	-1.7954	9.0568	1.4624	C
942	H942	-2.1435	8.3302	2.2442	H
943	H943	-0.7932	8.7040	1.0999	H
944	C944	-1.6615	10.4336	2.0791	C
945	H945	-1.3630	11.1726	1.2895	H
946	H946	-2.6588	10.7604	2.4789	H
947	C947	-0.6402	10.4451	3.1966	C
948	H948	-0.9095	9.6674	3.9609	H
949	H949	0.3694	10.1750	2.7864	H
950	C950	-0.5735	11.8021	3.8653	C
951	H951	-0.4282	12.5993	3.0893	H
952	H952	-1.5505	12.0124	4.3771	H
953	C953	0.5534	11.8683	4.8744	C
954	H954	0.4550	11.0233	5.6076	H
955	H955	1.5366	11.7382	4.3479	H
956	C956	0.5448	13.1850	5.6220	C
957	H957	-0.3836	13.2490	6.2499	H
958	H958	0.5101	14.0350	4.8906	H

959	C959	1.7656	13.3283	6.5057	C
960	H960	1.8221	12.4599	7.2153	H
961	H961	2.6937	13.2996	5.8742	H
962	C962	1.7269	14.6213	7.2920	C
963	H963	1.6472	15.4897	6.5863	H
964	H964	0.8116	14.6371	7.9411	H
965	C965	2.9613	14.7790	8.1537	C
966	H966	3.0460	13.9051	8.8541	H
967	H967	3.8780	14.7718	7.5053	H
968	C968	2.9157	16.0636	8.9527	C
969	H969	2.8596	16.9400	8.2547	H
970	H970	1.9870	16.0828	9.5820	H
971	C971	4.1328	16.2001	9.8430	C
972	H972	5.0615	16.1921	9.2112	H
973	H973	4.1934	15.3134	10.5292	H
974	C974	4.0847	17.4678	10.6559	C
975	H975	3.1833	17.4796	11.3154	H
976	H976	4.9936	17.5513	11.2993	H
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6. 3D STRUCTURE OF OCTAMER IN 1,2-PROPANDIOL OBTAINED FROM MD SIMULATIONS.

HETATM C	1	C1	MYS	1	30.788	11.516	29.465	1.00	0.00
HETATM O	2	O1	MYS	1	31.328	12.298	28.664	1.00	0.00
HETATM C	3	C2	MYS	1	29.280	10.975	29.462	1.00	0.00
HETATM O	4	O2	MYS	1	28.799	10.294	30.409	1.00	0.00
HETATM N	5	N1	MYS	1	31.444	11.112	30.565	1.00	0.00
HETATM H	6	H1	MYS	1	30.902	10.496	31.155	1.00	0.00
HETATM C	7	C3	MYS	1	32.853	11.397	30.877	1.00	0.00
HETATM H	8	H2	MYS	1	33.419	11.606	29.970	1.00	0.00
HETATM H	9	H3	MYS	1	33.229	10.457	31.282	1.00	0.00
HETATM C	10	C4	MYS	1	33.002	12.606	31.886	1.00	0.00
HETATM H	11	H4	MYS	1	32.174	12.399	32.564	1.00	0.00
HETATM H	12	H5	MYS	1	32.980	13.582	31.401	1.00	0.00
HETATM C	13	C5	MYS	1	34.330	12.463	32.617	1.00	0.00
HETATM H	14	H6	MYS	1	35.235	12.510	32.011	1.00	0.00
HETATM H	15	H7	MYS	1	34.353	11.455	33.029	1.00	0.00
HETATM C	16	C6	MYS	1	34.321	13.420	33.732	1.00	0.00
HETATM H	17	H8	MYS	1	33.533	13.172	34.443	1.00	0.00
HETATM H	18	H9	MYS	1	34.092	14.426	33.381	1.00	0.00
HETATM C	19	C7	MYS	1	35.722	13.415	34.349	1.00	0.00
HETATM H	20	H10	MYS	1	36.066	12.385	34.439	1.00	0.00
HETATM C	21	C8	MYS	1	36.886	14.066	33.579	1.00	0.00
HETATM O	22	O3	MYS	1	36.705	14.460	32.416	1.00	0.00
HETATM O	23	O4	MYS	1	38.102	14.107	34.165	1.00	0.00
HETATM C	24	C9	MYS	1	39.063	14.933	33.658	1.00	0.00
HETATM H	25	H11	MYS	1	38.840	15.953	33.971	1.00	0.00
HETATM H	26	H12	MYS	1	39.122	14.868	32.572	1.00	0.00
HETATM C	27	C10	MYS	1	40.354	14.413	34.278	1.00	0.00

HETATM	28	H13	MYS	1	40.986	15.293	34.397	1.00	0.00
H									
HETATM	29	H14	MYS	1	40.194	14.048	35.292	1.00	0.00
H									
HETATM	30	H15	MYS	1	40.741	13.653	33.598	1.00	0.00
H									
HETATM	31	N2	MYS	1	35.657	13.973	35.749	1.00	0.00
N									
HETATM	32	H16	MYS	1	35.478	13.267	36.448	1.00	0.00
H									
HETATM	33	C11	MYS	1	35.768	15.261	36.085	1.00	0.00
C									
HETATM	34	O5	MYS	1	35.908	16.180	35.282	1.00	0.00
O									
HETATM	35	C12	MYS	1	35.546	15.572	37.569	1.00	0.00
C									
HETATM	36	H17	MYS	1	35.431	16.656	37.570	1.00	0.00
H									
HETATM	37	H18	MYS	1	34.575	15.177	37.866	1.00	0.00
H									
HETATM	38	C13	MYS	1	36.716	15.274	38.580	1.00	0.00
C									
HETATM	39	H19	MYS	1	36.939	14.212	38.674	1.00	0.00
H									
HETATM	40	H20	MYS	1	37.679	15.627	38.212	1.00	0.00
H									
HETATM	41	C14	MYS	1	36.454	15.892	39.958	1.00	0.00
C									
HETATM	42	H21	MYS	1	36.039	16.886	39.789	1.00	0.00
H									
HETATM	43	H22	MYS	1	35.786	15.270	40.553	1.00	0.00
H									
HETATM	44	C15	MYS	1	37.745	15.824	40.746	1.00	0.00
C									
HETATM	45	H23	MYS	1	38.097	14.805	40.910	1.00	0.00
H									
HETATM	46	H24	MYS	1	38.532	16.365	40.222	1.00	0.00
H									
HETATM	47	C16	MYS	1	37.636	16.493	42.100	1.00	0.00
C									
HETATM	48	H25	MYS	1	37.539	17.562	41.909	1.00	0.00
H									
HETATM	49	H26	MYS	1	36.909	15.920	42.676	1.00	0.00
H									
HETATM	50	C17	MYS	1	38.870	16.296	42.953	1.00	0.00
C									
HETATM	51	H27	MYS	1	39.133	15.239	43.005	1.00	0.00
H									
HETATM	52	H28	MYS	1	39.670	16.760	42.376	1.00	0.00
H									
HETATM	53	C18	MYS	1	39.006	16.977	44.294	1.00	0.00
C									
HETATM	54	H29	MYS	1	39.395	17.983	44.138	1.00	0.00
H									
HETATM	55	H30	MYS	1	38.024	16.971	44.766	1.00	0.00
H									

HETATM	56	C19	MYS	1	40.023	16.301	45.214	1.00	0.00
C									
HETATM	57	H31	MYS	1	40.994	16.349	44.720	1.00	0.00
H									
HETATM	58	H32	MYS	1	39.824	15.234	45.307	1.00	0.00
H									
HETATM	59	C20	MYS	1	40.068	16.982	46.565	1.00	0.00
C									
HETATM	60	H33	MYS	1	39.848	18.047	46.488	1.00	0.00
H									
HETATM	61	H34	MYS	1	39.201	16.697	47.160	1.00	0.00
H									
HETATM	62	C21	MYS	1	41.294	16.677	47.427	1.00	0.00
C									
HETATM	63	H35	MYS	1	41.222	15.611	47.644	1.00	0.00
H									
HETATM	64	H36	MYS	1	42.216	16.853	46.873	1.00	0.00
H									
HETATM	65	C22	MYS	1	41.167	17.384	48.798	1.00	0.00
C									
HETATM	66	H37	MYS	1	41.401	18.415	48.534	1.00	0.00
H									
HETATM	67	H38	MYS	1	40.171	17.402	49.241	1.00	0.00
H									
HETATM	68	C23	MYS	1	42.221	16.771	49.760	1.00	0.00
C									
HETATM	69	H39	MYS	1	41.958	15.726	49.923	1.00	0.00
H									
HETATM	70	H40	MYS	1	43.233	16.820	49.357	1.00	0.00
H									
HETATM	71	C24	MYS	1	42.216	17.499	51.135	1.00	0.00
C									
HETATM	72	H41	MYS	1	41.198	17.411	51.515	1.00	0.00
H									
HETATM	73	H42	MYS	1	42.356	18.576	51.039	1.00	0.00
H									
HETATM	74	C25	MYS	1	43.084	16.929	52.269	1.00	0.00
C									
HETATM	75	H43	MYS	1	43.158	17.607	53.119	1.00	0.00
H									
HETATM	76	H44	MYS	1	42.692	15.942	52.515	1.00	0.00
H									
HETATM	77	H45	MYS	1	43.939	16.594	51.682	1.00	0.00
H									
HETATM	78	N3	MYS	1	28.501	11.297	28.427	1.00	0.00
N									
HETATM	79	H46	MYS	1	28.891	11.929	27.743	1.00	0.00
H									
HETATM	80	C26	MYS	1	27.276	10.631	28.050	1.00	0.00
C									
HETATM	81	H47	MYS	1	26.700	10.534	28.970	1.00	0.00
H									
HETATM	82	H48	MYS	1	27.401	9.612	27.685	1.00	0.00
H									
HETATM	83	C27	MYS	1	26.305	11.485	27.162	1.00	0.00
C									

HETATM	84	H49	MYS	1	26.702	11.417	26.148	1.00	0.00
H									
HETATM	85	H50	MYS	1	26.379	12.534	27.447	1.00	0.00
H									
HETATM	86	C28	MYS	1	24.921	10.932	27.265	1.00	0.00
C									
HETATM	87	H51	MYS	1	24.987	9.872	27.509	1.00	0.00
H									
HETATM	88	H52	MYS	1	24.437	10.968	26.289	1.00	0.00
H									
HETATM	89	C29	MYS	1	24.091	11.667	28.300	1.00	0.00
C									
HETATM	90	H53	MYS	1	23.897	12.688	27.972	1.00	0.00
H									
HETATM	91	H54	MYS	1	24.525	11.678	29.300	1.00	0.00
H									
HETATM	92	C30	MYS	1	22.654	11.077	28.243	1.00	0.00
C									
HETATM	93	H55	MYS	1	22.402	10.843	27.209	1.00	0.00
H									
HETATM	94	C31	MYS	1	22.502	9.664	28.963	1.00	0.00
C									
HETATM	95	O6	MYS	1	22.624	9.502	30.212	1.00	0.00
O									
HETATM	96	O7	MYS	1	22.131	8.722	28.028	1.00	0.00
O									
HETATM	97	C32	MYS	1	22.120	7.362	28.393	1.00	0.00
C									
HETATM	98	H56	MYS	1	21.522	7.279	29.301	1.00	0.00
H									
HETATM	99	H57	MYS	1	23.104	6.946	28.609	1.00	0.00
H									
HETATM	100	C33	MYS	1	21.418	6.474	27.333	1.00	0.00
C									
HETATM	101	H58	MYS	1	20.677	5.814	27.783	1.00	0.00
H									
HETATM	102	H59	MYS	1	20.840	7.112	26.664	1.00	0.00
H									
HETATM	103	H60	MYS	1	22.175	5.873	26.830	1.00	0.00
H									
HETATM	104	N4	MYS	1	21.624	12.058	28.662	1.00	0.00
N									
HETATM	105	H61	MYS	1	20.927	12.312	27.977	1.00	0.00
H									
HETATM	106	C34	MYS	1	21.476	12.515	29.922	1.00	0.00
C									
HETATM	107	O8	MYS	1	22.343	12.473	30.805	1.00	0.00
O									
HETATM	108	C35	MYS	1	20.165	13.260	30.207	1.00	0.00
C									
HETATM	109	H62	MYS	1	19.363	12.659	29.777	1.00	0.00
H									
HETATM	110	H63	MYS	1	20.017	13.282	31.287	1.00	0.00
H									
HETATM	111	C36	MYS	1	20.074	14.670	29.506	1.00	0.00
C									

HETATM	112	H64	MYS	1	20.878	15.240	29.972	1.00	0.00
H									
HETATM	113	H65	MYS	1	20.110	14.778	28.422	1.00	0.00
H									
HETATM	114	C37	MYS	1	18.841	15.428	29.902	1.00	0.00
C									
HETATM	115	H66	MYS	1	17.974	14.938	29.459	1.00	0.00
H									
HETATM	116	H67	MYS	1	18.736	15.492	30.985	1.00	0.00
H									
HETATM	117	C38	MYS	1	18.745	16.865	29.386	1.00	0.00
C									
HETATM	118	H68	MYS	1	18.417	16.915	28.348	1.00	0.00
H									
HETATM	119	H69	MYS	1	19.733	17.311	29.503	1.00	0.00
H									
HETATM	120	C39	MYS	1	17.802	17.721	30.257	1.00	0.00
C									
HETATM	121	H70	MYS	1	16.755	17.455	30.109	1.00	0.00
H									
HETATM	122	H71	MYS	1	17.992	17.715	31.330	1.00	0.00
H									
HETATM	123	C40	MYS	1	17.904	19.199	29.767	1.00	0.00
C									
HETATM	124	H72	MYS	1	18.847	19.519	30.211	1.00	0.00
H									
HETATM	125	H73	MYS	1	17.973	19.159	28.680	1.00	0.00
H									
HETATM	126	C41	MYS	1	16.693	20.024	30.163	1.00	0.00
C									
HETATM	127	H74	MYS	1	15.915	19.670	29.486	1.00	0.00
H									
HETATM	128	H75	MYS	1	16.466	19.922	31.224	1.00	0.00
H									
HETATM	129	C42	MYS	1	16.872	21.526	29.947	1.00	0.00
C									
HETATM	130	H76	MYS	1	17.314	21.607	28.954	1.00	0.00
H									
HETATM	131	H77	MYS	1	17.641	21.901	30.622	1.00	0.00
H									
HETATM	132	C43	MYS	1	15.568	22.371	30.036	1.00	0.00
C									
HETATM	133	H78	MYS	1	14.815	22.012	29.335	1.00	0.00
H									
HETATM	134	H79	MYS	1	15.118	22.221	31.017	1.00	0.00
H									
HETATM	135	C44	MYS	1	15.797	23.921	29.914	1.00	0.00
C									
HETATM	136	H80	MYS	1	16.257	24.191	30.865	1.00	0.00
H									
HETATM	137	H81	MYS	1	16.386	24.152	29.027	1.00	0.00
H									
HETATM	138	C45	MYS	1	14.517	24.648	29.912	1.00	0.00
C									
HETATM	139	H82	MYS	1	13.947	24.375	29.024	1.00	0.00
H									

HETATM	140	H83	MYS	1	13.929	24.376	30.789	1.00	0.00
H									
HETATM	141	C46	MYS	1	14.840	26.190	29.851	1.00	0.00
C									
HETATM	142	H84	MYS	1	14.843	26.451	28.793	1.00	0.00
H									
HETATM	143	H85	MYS	1	15.832	26.413	30.243	1.00	0.00
H									
HETATM	144	C47	MYS	1	13.736	26.929	30.596	1.00	0.00
C									
HETATM	145	H86	MYS	1	13.791	27.941	30.195	1.00	0.00
H									
HETATM	146	H87	MYS	1	12.752	26.530	30.350	1.00	0.00
H									
HETATM	147	C48	MYS	1	13.959	26.976	32.113	1.00	0.00
C									
HETATM	148	H88	MYS	1	15.008	27.135	32.363	1.00	0.00
H									
HETATM	149	H89	MYS	1	13.399	27.810	32.534	1.00	0.00
H									
HETATM	150	H90	MYS	1	13.506	26.062	32.498	1.00	0.00
H									
HETATM	151	C1	MYS	2	30.929	14.918	26.070	1.00	0.00
C									
HETATM	152	O1	MYS	2	31.318	15.815	25.289	1.00	0.00
O									
HETATM	153	C2	MYS	2	29.666	14.095	25.680	1.00	0.00
C									
HETATM	154	O2	MYS	2	29.346	13.105	26.315	1.00	0.00
O									
HETATM	155	N1	MYS	2	31.623	14.574	27.185	1.00	0.00
N									
HETATM	156	H1	MYS	2	31.369	13.694	27.611	1.00	0.00
H									
HETATM	157	C3	MYS	2	32.863	15.112	27.741	1.00	0.00
C									
HETATM	158	H2	MYS	2	33.343	15.689	26.951	1.00	0.00
H									
HETATM	159	H3	MYS	2	33.552	14.293	27.944	1.00	0.00
H									
HETATM	160	C4	MYS	2	32.548	15.892	29.018	1.00	0.00
C									
HETATM	161	H4	MYS	2	31.862	15.264	29.586	1.00	0.00
H									
HETATM	162	H5	MYS	2	31.904	16.722	28.727	1.00	0.00
H									
HETATM	163	C5	MYS	2	33.747	16.399	29.692	1.00	0.00
C									
HETATM	164	H6	MYS	2	34.246	17.171	29.107	1.00	0.00
H									
HETATM	165	H7	MYS	2	34.465	15.593	29.847	1.00	0.00
H									
HETATM	166	C6	MYS	2	33.369	17.031	31.025	1.00	0.00
C									
HETATM	167	H8	MYS	2	32.827	16.333	31.662	1.00	0.00
H									

HETATM	168	H9	MYS	2	32.826	17.975	30.966	1.00	0.00
H									
HETATM	169	C7	MYS	2	34.603	17.219	31.894	1.00	0.00
C									
HETATM	170	H10	MYS	2	35.077	16.242	31.994	1.00	0.00
H									
HETATM	171	C8	MYS	2	35.699	18.079	31.248	1.00	0.00
C									
HETATM	172	O3	MYS	2	35.325	19.197	30.734	1.00	0.00
O									
HETATM	173	O4	MYS	2	36.882	17.563	31.198	1.00	0.00
O									
HETATM	174	C9	MYS	2	37.929	18.253	30.484	1.00	0.00
C									
HETATM	175	H11	MYS	2	38.429	18.883	31.221	1.00	0.00
H									
HETATM	176	H12	MYS	2	37.487	18.708	29.598	1.00	0.00
H									
HETATM	177	C10	MYS	2	38.880	17.153	29.988	1.00	0.00
C									
HETATM	178	H13	MYS	2	39.860	17.516	29.681	1.00	0.00
H									
HETATM	179	H14	MYS	2	39.106	16.632	30.918	1.00	0.00
H									
HETATM	180	H15	MYS	2	38.337	16.548	29.261	1.00	0.00
H									
HETATM	181	N2	MYS	2	34.224	17.698	33.323	1.00	0.00
N									
HETATM	182	H16	MYS	2	34.635	17.214	34.108	1.00	0.00
H									
HETATM	183	C11	MYS	2	33.503	18.748	33.552	1.00	0.00
C									
HETATM	184	O5	MYS	2	32.971	19.470	32.699	1.00	0.00
O									
HETATM	185	C12	MYS	2	33.189	19.016	35.047	1.00	0.00
C									
HETATM	186	H17	MYS	2	32.497	19.857	35.089	1.00	0.00
H									
HETATM	187	H18	MYS	2	32.592	18.188	35.430	1.00	0.00
H									
HETATM	188	C13	MYS	2	34.361	19.265	35.939	1.00	0.00
C									
HETATM	189	H19	MYS	2	35.066	18.438	35.859	1.00	0.00
H									
HETATM	190	H20	MYS	2	34.835	20.206	35.658	1.00	0.00
H									
HETATM	191	C14	MYS	2	33.861	19.280	37.412	1.00	0.00
C									
HETATM	192	H21	MYS	2	33.066	20.021	37.495	1.00	0.00
H									
HETATM	193	H22	MYS	2	33.402	18.326	37.672	1.00	0.00
H									
HETATM	194	C15	MYS	2	35.077	19.570	38.331	1.00	0.00
C									
HETATM	195	H23	MYS	2	35.848	18.805	38.423	1.00	0.00
H									

HETATM	196	H24	MYS	2	35.530	20.515	38.030	1.00	0.00
H									
HETATM	197	C16	MYS	2	34.495	19.530	39.783	1.00	0.00
C									
HETATM	198	H25	MYS	2	33.544	20.062	39.771	1.00	0.00
H									
HETATM	199	H26	MYS	2	34.427	18.466	40.008	1.00	0.00
H									
HETATM	200	C17	MYS	2	35.417	20.084	40.837	1.00	0.00
C									
HETATM	201	H27	MYS	2	36.447	19.753	40.704	1.00	0.00
H									
HETATM	202	H28	MYS	2	35.123	21.132	40.897	1.00	0.00
H									
HETATM	203	C18	MYS	2	35.137	19.387	42.178	1.00	0.00
C									
HETATM	204	H29	MYS	2	34.152	19.722	42.504	1.00	0.00
H									
HETATM	205	H30	MYS	2	35.137	18.298	42.134	1.00	0.00
H									
HETATM	206	C19	MYS	2	36.187	19.837	43.275	1.00	0.00
C									
HETATM	207	H31	MYS	2	36.388	20.904	43.378	1.00	0.00
H									
HETATM	208	H32	MYS	2	37.109	19.285	43.096	1.00	0.00
H									
HETATM	209	C20	MYS	2	35.847	19.371	44.712	1.00	0.00
C									
HETATM	210	H33	MYS	2	34.792	19.513	44.947	1.00	0.00
H									
HETATM	211	H34	MYS	2	36.137	18.322	44.772	1.00	0.00
H									
HETATM	212	C21	MYS	2	36.700	20.022	45.845	1.00	0.00
C									
HETATM	213	H35	MYS	2	37.751	19.903	45.582	1.00	0.00
H									
HETATM	214	H36	MYS	2	36.494	21.090	45.912	1.00	0.00
H									
HETATM	215	C22	MYS	2	36.565	19.391	47.229	1.00	0.00
C									
HETATM	216	H37	MYS	2	35.563	19.641	47.576	1.00	0.00
H									
HETATM	217	H38	MYS	2	36.805	18.328	47.268	1.00	0.00
H									
HETATM	218	C23	MYS	2	37.510	19.919	48.258	1.00	0.00
C									
HETATM	219	H39	MYS	2	38.454	20.148	47.764	1.00	0.00
H									
HETATM	220	H40	MYS	2	37.090	20.882	48.550	1.00	0.00
H									
HETATM	221	C24	MYS	2	37.792	18.950	49.473	1.00	0.00
C									
HETATM	222	H41	MYS	2	38.073	17.943	49.166	1.00	0.00
H									
HETATM	223	H42	MYS	2	37.046	18.825	50.258	1.00	0.00
H									

HETATM	224	C25	MYS	2	38.947	19.609	50.323	1.00	0.00
C									
HETATM	225	H43	MYS	2	39.319	19.001	51.148	1.00	0.00
H									
HETATM	226	H44	MYS	2	39.795	19.928	49.716	1.00	0.00
H									
HETATM	227	H45	MYS	2	38.490	20.499	50.756	1.00	0.00
H									
HETATM	228	N3	MYS	2	28.986	14.565	24.617	1.00	0.00
N									
HETATM	229	H46	MYS	2	29.338	15.414	24.198	1.00	0.00
H									
HETATM	230	C26	MYS	2	27.856	13.883	23.971	1.00	0.00
C									
HETATM	231	H47	MYS	2	27.811	12.854	24.327	1.00	0.00
H									
HETATM	232	H48	MYS	2	28.065	14.009	22.909	1.00	0.00
H									
HETATM	233	C27	MYS	2	26.506	14.520	24.351	1.00	0.00
C									
HETATM	234	H49	MYS	2	26.516	15.605	24.452	1.00	0.00
H									
HETATM	235	H50	MYS	2	26.164	14.190	25.332	1.00	0.00
H									
HETATM	236	C28	MYS	2	25.425	14.005	23.396	1.00	0.00
C									
HETATM	237	H51	MYS	2	25.415	12.916	23.356	1.00	0.00
H									
HETATM	238	H52	MYS	2	25.521	14.381	22.377	1.00	0.00
H									
HETATM	239	C29	MYS	2	24.066	14.436	23.898	1.00	0.00
C									
HETATM	240	H53	MYS	2	24.077	15.518	24.028	1.00	0.00
H									
HETATM	241	H54	MYS	2	23.794	14.040	24.877	1.00	0.00
H									
HETATM	242	C30	MYS	2	22.929	14.000	22.934	1.00	0.00
C									
HETATM	243	H55	MYS	2	23.296	14.383	21.982	1.00	0.00
H									
HETATM	244	C31	MYS	2	22.727	12.484	22.863	1.00	0.00
C									
HETATM	245	O6	MYS	2	22.697	11.771	23.805	1.00	0.00
O									
HETATM	246	O7	MYS	2	22.553	12.056	21.608	1.00	0.00
O									
HETATM	247	C32	MYS	2	22.973	10.813	21.060	1.00	0.00
C									
HETATM	248	H56	MYS	2	23.918	10.601	21.560	1.00	0.00
H									
HETATM	249	H57	MYS	2	23.119	10.922	19.985	1.00	0.00
H									
HETATM	250	C33	MYS	2	21.861	9.874	21.433	1.00	0.00
C									
HETATM	251	H58	MYS	2	20.943	10.459	21.382	1.00	0.00
H									

HETATM	252	H59	MYS	2	21.762	9.003	20.786	1.00	0.00
H									
HETATM	253	H60	MYS	2	22.111	9.477	22.417	1.00	0.00
H									
HETATM	254	N4	MYS	2	21.754	14.786	23.206	1.00	0.00
N									
HETATM	255	H61	MYS	2	21.603	15.535	22.546	1.00	0.00
H									
HETATM	256	C34	MYS	2	20.765	14.626	24.099	1.00	0.00
C									
HETATM	257	O8	MYS	2	20.708	13.683	24.849	1.00	0.00
O									
HETATM	258	C35	MYS	2	19.703	15.782	24.167	1.00	0.00
C									
HETATM	259	H62	MYS	2	20.212	16.726	24.364	1.00	0.00
H									
HETATM	260	H63	MYS	2	19.249	15.880	23.180	1.00	0.00
H									
HETATM	261	C36	MYS	2	18.631	15.550	25.213	1.00	0.00
C									
HETATM	262	H64	MYS	2	18.126	14.585	25.171	1.00	0.00
H									
HETATM	263	H65	MYS	2	19.304	15.618	26.068	1.00	0.00
H									
HETATM	264	C37	MYS	2	17.539	16.578	25.199	1.00	0.00
C									
HETATM	265	H66	MYS	2	17.023	16.499	24.242	1.00	0.00
H									
HETATM	266	H67	MYS	2	16.712	16.338	25.867	1.00	0.00
H									
HETATM	267	C38	MYS	2	18.046	18.047	25.376	1.00	0.00
C									
HETATM	268	H68	MYS	2	18.630	18.420	24.534	1.00	0.00
H									
HETATM	269	H69	MYS	2	18.649	18.207	26.270	1.00	0.00
H									
HETATM	270	C39	MYS	2	16.719	18.924	25.527	1.00	0.00
C									
HETATM	271	H70	MYS	2	16.068	18.814	24.660	1.00	0.00
H									
HETATM	272	H71	MYS	2	16.152	18.444	26.325	1.00	0.00
H									
HETATM	273	C40	MYS	2	17.041	20.377	25.740	1.00	0.00
C									
HETATM	274	H72	MYS	2	17.687	20.457	26.613	1.00	0.00
H									
HETATM	275	H73	MYS	2	17.390	20.705	24.761	1.00	0.00
H									
HETATM	276	C41	MYS	2	15.746	21.171	25.940	1.00	0.00
C									
HETATM	277	H74	MYS	2	15.094	20.844	25.130	1.00	0.00
H									
HETATM	278	H75	MYS	2	15.381	20.883	26.926	1.00	0.00
H									
HETATM	279	C42	MYS	2	16.058	22.694	25.817	1.00	0.00
C									

HETATM	280	H76	MYS	2	16.653	22.880	24.922	1.00	0.00
H									
HETATM	281	H77	MYS	2	16.703	23.059	26.616	1.00	0.00
H									
HETATM	282	C43	MYS	2	14.774	23.476	25.867	1.00	0.00
C									
HETATM	283	H78	MYS	2	14.133	23.073	25.083	1.00	0.00
H									
HETATM	284	H79	MYS	2	14.258	23.356	26.820	1.00	0.00
H									
HETATM	285	C44	MYS	2	15.092	24.936	25.661	1.00	0.00
C									
HETATM	286	H80	MYS	2	15.995	25.285	26.162	1.00	0.00
H									
HETATM	287	H81	MYS	2	15.177	25.148	24.595	1.00	0.00
H									
HETATM	288	C45	MYS	2	13.924	25.799	26.239	1.00	0.00
C									
HETATM	289	H82	MYS	2	13.004	25.597	25.691	1.00	0.00
H									
HETATM	290	H83	MYS	2	13.761	25.617	27.301	1.00	0.00
H									
HETATM	291	C46	MYS	2	14.255	27.326	26.048	1.00	0.00
C									
HETATM	292	H84	MYS	2	14.401	27.561	24.994	1.00	0.00
H									
HETATM	293	H85	MYS	2	15.203	27.672	26.461	1.00	0.00
H									
HETATM	294	C47	MYS	2	13.243	28.229	26.646	1.00	0.00
C									
HETATM	295	H86	MYS	2	12.264	27.935	26.267	1.00	0.00
H									
HETATM	296	H87	MYS	2	13.104	28.065	27.715	1.00	0.00
H									
HETATM	297	C48	MYS	2	13.460	29.751	26.386	1.00	0.00
C									
HETATM	298	H88	MYS	2	12.812	30.291	27.076	1.00	0.00
H									
HETATM	299	H89	MYS	2	14.469	30.095	26.614	1.00	0.00
H									
HETATM	300	H90	MYS	2	13.279	29.931	25.326	1.00	0.00
H									
HETATM	301	C1	MYS	3	29.855	19.230	23.258	1.00	0.00
C									
HETATM	302	O1	MYS	3	29.758	20.409	22.962	1.00	0.00
O									
HETATM	303	C2	MYS	3	29.048	18.096	22.532	1.00	0.00
C									
HETATM	304	O2	MYS	3	29.280	16.890	22.758	1.00	0.00
O									
HETATM	305	N1	MYS	3	30.587	18.851	24.245	1.00	0.00
N									
HETATM	306	H1	MYS	3	30.655	17.869	24.472	1.00	0.00
H									
HETATM	307	C3	MYS	3	31.720	19.578	24.852	1.00	0.00
C									

HETATM	308	H2	MYS	3	32.151	20.320	24.179	1.00	0.00
H									
HETATM	309	H3	MYS	3	32.497	18.862	25.119	1.00	0.00
H									
HETATM	310	C4	MYS	3	31.279	20.354	26.082	1.00	0.00
C									
HETATM	311	H4	MYS	3	30.550	19.745	26.616	1.00	0.00
H									
HETATM	312	H5	MYS	3	30.838	21.298	25.762	1.00	0.00
H									
HETATM	313	C5	MYS	3	32.451	20.503	27.058	1.00	0.00
C									
HETATM	314	H6	MYS	3	33.178	21.190	26.624	1.00	0.00
H									
HETATM	315	H7	MYS	3	32.864	19.518	27.277	1.00	0.00
H									
HETATM	316	C6	MYS	3	31.994	21.252	28.268	1.00	0.00
C									
HETATM	317	H8	MYS	3	31.345	20.567	28.814	1.00	0.00
H									
HETATM	318	H9	MYS	3	31.519	22.176	27.941	1.00	0.00
H									
HETATM	319	C7	MYS	3	33.097	21.559	29.358	1.00	0.00
C									
HETATM	320	H10	MYS	3	33.738	20.683	29.254	1.00	0.00
H									
HETATM	321	C8	MYS	3	34.127	22.654	29.011	1.00	0.00
C									
HETATM	322	O3	MYS	3	35.051	22.874	29.774	1.00	0.00
O									
HETATM	323	O4	MYS	3	33.787	23.472	28.053	1.00	0.00
O									
HETATM	324	C9	MYS	3	34.530	24.627	27.723	1.00	0.00
C									
HETATM	325	H11	MYS	3	35.605	24.461	27.642	1.00	0.00
H									
HETATM	326	H12	MYS	3	34.438	25.427	28.458	1.00	0.00
H									
HETATM	327	C10	MYS	3	34.075	25.268	26.409	1.00	0.00
C									
HETATM	328	H13	MYS	3	34.051	24.541	25.597	1.00	0.00
H									
HETATM	329	H14	MYS	3	33.156	25.834	26.559	1.00	0.00
H									
HETATM	330	H15	MYS	3	34.849	25.976	26.111	1.00	0.00
H									
HETATM	331	N2	MYS	3	32.555	21.543	30.766	1.00	0.00
N									
HETATM	332	H16	MYS	3	32.615	20.711	31.336	1.00	0.00
H									
HETATM	333	C11	MYS	3	31.925	22.592	31.308	1.00	0.00
C									
HETATM	334	O5	MYS	3	31.685	23.672	30.750	1.00	0.00
O									
HETATM	335	C12	MYS	3	31.399	22.372	32.769	1.00	0.00
C									

HETATM	336	H17	MYS	3	30.518	22.998	32.908	1.00	0.00
H									
HETATM	337	H18	MYS	3	31.044	21.363	32.979	1.00	0.00
H									
HETATM	338	C13	MYS	3	32.362	22.830	33.892	1.00	0.00
C									
HETATM	339	H19	MYS	3	33.014	21.958	33.840	1.00	0.00
H									
HETATM	340	H20	MYS	3	32.812	23.748	33.514	1.00	0.00
H									
HETATM	341	C14	MYS	3	31.799	22.914	35.354	1.00	0.00
C									
HETATM	342	H21	MYS	3	31.030	23.679	35.462	1.00	0.00
H									
HETATM	343	H22	MYS	3	31.354	21.942	35.564	1.00	0.00
H									
HETATM	344	C15	MYS	3	32.823	23.214	36.413	1.00	0.00
C									
HETATM	345	H23	MYS	3	33.643	22.506	36.286	1.00	0.00
H									
HETATM	346	H24	MYS	3	33.156	24.215	36.140	1.00	0.00
H									
HETATM	347	C16	MYS	3	32.317	23.218	37.841	1.00	0.00
C									
HETATM	348	H25	MYS	3	31.494	23.924	37.961	1.00	0.00
H									
HETATM	349	H26	MYS	3	31.992	22.209	38.095	1.00	0.00
H									
HETATM	350	C17	MYS	3	33.332	23.582	38.898	1.00	0.00
C									
HETATM	351	H27	MYS	3	34.256	23.003	38.890	1.00	0.00
H									
HETATM	352	H28	MYS	3	33.481	24.640	38.682	1.00	0.00
H									
HETATM	353	C18	MYS	3	32.695	23.503	40.282	1.00	0.00
C									
HETATM	354	H29	MYS	3	31.752	24.047	40.327	1.00	0.00
H									
HETATM	355	H30	MYS	3	32.504	22.484	40.619	1.00	0.00
H									
HETATM	356	C19	MYS	3	33.585	24.164	41.390	1.00	0.00
C									
HETATM	357	H31	MYS	3	33.924	25.122	40.996	1.00	0.00
H									
HETATM	358	H32	MYS	3	34.409	23.511	41.677	1.00	0.00
H									
HETATM	359	C20	MYS	3	32.574	24.578	42.520	1.00	0.00
C									
HETATM	360	H33	MYS	3	33.198	25.218	43.143	1.00	0.00
H									
HETATM	361	H34	MYS	3	31.760	25.164	42.093	1.00	0.00
H									
HETATM	362	C21	MYS	3	31.987	23.411	43.414	1.00	0.00
C									
HETATM	363	H35	MYS	3	31.310	23.791	44.179	1.00	0.00
H									

HETATM	364	H36	MYS	3	31.319	22.856	42.756	1.00	0.00
H									
HETATM	365	C22	MYS	3	33.049	22.410	43.967	1.00	0.00
C									
HETATM	366	H37	MYS	3	32.555	21.476	44.235	1.00	0.00
H									
HETATM	367	H38	MYS	3	33.840	22.111	43.279	1.00	0.00
H									
HETATM	368	C23	MYS	3	33.697	22.945	45.280	1.00	0.00
C									
HETATM	369	H39	MYS	3	34.610	22.379	45.468	1.00	0.00
H									
HETATM	370	H40	MYS	3	33.965	24.000	45.226	1.00	0.00
H									
HETATM	371	C24	MYS	3	32.831	22.910	46.543	1.00	0.00
C									
HETATM	372	H41	MYS	3	32.326	21.946	46.601	1.00	0.00
H									
HETATM	373	H42	MYS	3	32.140	23.748	46.460	1.00	0.00
H									
HETATM	374	C25	MYS	3	33.672	22.948	47.786	1.00	0.00
C									
HETATM	375	H43	MYS	3	34.240	23.879	47.803	1.00	0.00
H									
HETATM	376	H44	MYS	3	33.012	22.794	48.640	1.00	0.00
H									
HETATM	377	H45	MYS	3	34.410	22.146	47.812	1.00	0.00
H									
HETATM	378	N3	MYS	3	28.216	18.485	21.553	1.00	0.00
N									
HETATM	379	H46	MYS	3	28.082	19.485	21.526	1.00	0.00
H									
HETATM	380	C26	MYS	3	27.421	17.650	20.742	1.00	0.00
C									
HETATM	381	H47	MYS	3	27.610	16.588	20.895	1.00	0.00
H									
HETATM	382	H48	MYS	3	27.543	17.791	19.668	1.00	0.00
H									
HETATM	383	C27	MYS	3	26.005	17.962	21.106	1.00	0.00
C									
HETATM	384	H49	MYS	3	25.810	19.034	21.144	1.00	0.00
H									
HETATM	385	H50	MYS	3	25.793	17.683	22.138	1.00	0.00
H									
HETATM	386	C28	MYS	3	25.027	17.307	20.111	1.00	0.00
C									
HETATM	387	H51	MYS	3	25.174	16.233	19.995	1.00	0.00
H									
HETATM	388	H52	MYS	3	25.149	17.749	19.122	1.00	0.00
H									
HETATM	389	C29	MYS	3	23.572	17.556	20.573	1.00	0.00
C									
HETATM	390	H53	MYS	3	23.391	18.587	20.879	1.00	0.00
H									
HETATM	391	H54	MYS	3	23.355	16.926	21.435	1.00	0.00
H									

HETATM	392	C30	MYS	3	22.550	17.246	19.430	1.00	0.00
C									
HETATM	393	H55	MYS	3	22.984	17.558	18.480	1.00	0.00
H									
HETATM	394	C31	MYS	3	22.286	15.688	19.387	1.00	0.00
C									
HETATM	395	O6	MYS	3	21.309	15.184	19.959	1.00	0.00
O									
HETATM	396	O7	MYS	3	23.136	14.898	18.648	1.00	0.00
O									
HETATM	397	C32	MYS	3	22.849	13.495	18.419	1.00	0.00
C									
HETATM	398	H56	MYS	3	21.789	13.263	18.529	1.00	0.00
H									
HETATM	399	H57	MYS	3	23.365	12.947	19.207	1.00	0.00
H									
HETATM	400	C33	MYS	3	23.366	13.066	17.002	1.00	0.00
C									
HETATM	401	H58	MYS	3	23.345	11.991	16.823	1.00	0.00
H									
HETATM	402	H59	MYS	3	22.710	13.461	16.225	1.00	0.00
H									
HETATM	403	H60	MYS	3	24.401	13.386	16.884	1.00	0.00
H									
HETATM	404	N4	MYS	3	21.382	18.025	19.702	1.00	0.00
N									
HETATM	405	H61	MYS	3	21.031	18.679	19.017	1.00	0.00
H									
HETATM	406	C34	MYS	3	20.565	18.110	20.794	1.00	0.00
C									
HETATM	407	O8	MYS	3	20.806	17.557	21.859	1.00	0.00
O									
HETATM	408	C35	MYS	3	19.259	18.850	20.660	1.00	0.00
C									
HETATM	409	H62	MYS	3	19.059	18.868	19.588	1.00	0.00
H									
HETATM	410	H63	MYS	3	18.510	18.330	21.257	1.00	0.00
H									
HETATM	411	C36	MYS	3	19.315	20.327	21.136	1.00	0.00
C									
HETATM	412	H64	MYS	3	19.536	20.394	22.201	1.00	0.00
H									
HETATM	413	H65	MYS	3	20.060	20.893	20.576	1.00	0.00
H									
HETATM	414	C37	MYS	3	17.984	20.987	20.800	1.00	0.00
C									
HETATM	415	H66	MYS	3	17.860	21.063	19.720	1.00	0.00
H									
HETATM	416	H67	MYS	3	17.155	20.390	21.180	1.00	0.00
H									
HETATM	417	C38	MYS	3	18.058	22.463	21.387	1.00	0.00
C									
HETATM	418	H68	MYS	3	18.923	22.947	20.934	1.00	0.00
H									
HETATM	419	H69	MYS	3	18.179	22.340	22.463	1.00	0.00
H									

HETATM	420	C39	MYS	3	16.870	23.339	21.036	1.00	0.00
C									
HETATM	421	H70	MYS	3	17.122	24.350	21.358	1.00	0.00
H									
HETATM	422	H71	MYS	3	16.845	23.416	19.949	1.00	0.00
H									
HETATM	423	C40	MYS	3	15.528	23.009	21.646	1.00	0.00
C									
HETATM	424	H72	MYS	3	15.222	21.970	21.518	1.00	0.00
H									
HETATM	425	H73	MYS	3	15.626	23.108	22.727	1.00	0.00
H									
HETATM	426	C41	MYS	3	14.483	24.039	21.060	1.00	0.00
C									
HETATM	427	H74	MYS	3	14.777	25.040	21.375	1.00	0.00
H									
HETATM	428	H75	MYS	3	14.485	24.034	19.970	1.00	0.00
H									
HETATM	429	C42	MYS	3	13.068	23.845	21.548	1.00	0.00
C									
HETATM	430	H76	MYS	3	12.372	24.521	21.050	1.00	0.00
H									
HETATM	431	H77	MYS	3	13.088	24.266	22.553	1.00	0.00
H									
HETATM	432	C43	MYS	3	12.469	22.391	21.499	1.00	0.00
C									
HETATM	433	H78	MYS	3	12.770	22.002	20.526	1.00	0.00
H									
HETATM	434	H79	MYS	3	13.092	21.893	22.242	1.00	0.00
H									
HETATM	435	C44	MYS	3	11.026	22.270	21.841	1.00	0.00
C									
HETATM	436	H80	MYS	3	10.587	23.072	21.247	1.00	0.00
H									
HETATM	437	H81	MYS	3	10.606	21.315	21.528	1.00	0.00
H									
HETATM	438	C45	MYS	3	10.655	22.502	23.352	1.00	0.00
C									
HETATM	439	H82	MYS	3	11.451	22.139	24.002	1.00	0.00
H									
HETATM	440	H83	MYS	3	10.536	23.570	23.534	1.00	0.00
H									
HETATM	441	C46	MYS	3	9.283	21.851	23.639	1.00	0.00
C									
HETATM	442	H84	MYS	3	9.188	21.790	24.723	1.00	0.00
H									
HETATM	443	H85	MYS	3	9.268	20.829	23.261	1.00	0.00
H									
HETATM	444	C47	MYS	3	8.182	22.663	22.932	1.00	0.00
C									
HETATM	445	H86	MYS	3	8.243	23.723	23.178	1.00	0.00
H									
HETATM	446	H87	MYS	3	8.214	22.556	21.848	1.00	0.00
H									
HETATM	447	C48	MYS	3	6.764	22.237	23.235	1.00	0.00
C									

HETATM	448	H88	MYS	3	6.145	22.639	22.433	1.00	0.00
H									
HETATM	449	H89	MYS	3	6.765	21.148	23.184	1.00	0.00
H									
HETATM	450	H90	MYS	3	6.480	22.524	24.248	1.00	0.00
H									
HETATM	451	C1	MYS	4	28.409	23.465	20.984	1.00	0.00
C									
HETATM	452	O1	MYS	4	28.334	24.627	20.607	1.00	0.00
O									
HETATM	453	C2	MYS	4	27.547	22.338	20.289	1.00	0.00
C									
HETATM	454	O2	MYS	4	27.519	21.133	20.654	1.00	0.00
O									
HETATM	455	N1	MYS	4	29.141	22.983	22.042	1.00	0.00
N									
HETATM	456	H1	MYS	4	29.068	21.989	22.205	1.00	0.00
H									
HETATM	457	C3	MYS	4	29.991	23.766	22.893	1.00	0.00
C									
HETATM	458	H2	MYS	4	30.281	24.734	22.485	1.00	0.00
H									
HETATM	459	H3	MYS	4	30.988	23.370	23.085	1.00	0.00
H									
HETATM	460	C4	MYS	4	29.340	23.823	24.249	1.00	0.00
C									
HETATM	461	H4	MYS	4	29.110	22.818	24.602	1.00	0.00
H									
HETATM	462	H5	MYS	4	28.406	24.386	24.237	1.00	0.00
H									
HETATM	463	C5	MYS	4	30.257	24.561	25.262	1.00	0.00
C									
HETATM	464	H6	MYS	4	30.466	25.583	24.948	1.00	0.00
H									
HETATM	465	H7	MYS	4	31.206	24.032	25.349	1.00	0.00
H									
HETATM	466	C6	MYS	4	29.623	24.609	26.602	1.00	0.00
C									
HETATM	467	H8	MYS	4	29.367	23.611	26.958	1.00	0.00
H									
HETATM	468	H9	MYS	4	28.641	25.051	26.433	1.00	0.00
H									
HETATM	469	C7	MYS	4	30.310	25.428	27.715	1.00	0.00
C									
HETATM	470	H10	MYS	4	31.362	25.144	27.731	1.00	0.00
H									
HETATM	471	C8	MYS	4	30.300	26.915	27.487	1.00	0.00
C									
HETATM	472	O3	MYS	4	29.330	27.417	26.883	1.00	0.00
O									
HETATM	473	O4	MYS	4	31.386	27.582	27.794	1.00	0.00
O									
HETATM	474	C9	MYS	4	31.455	29.044	27.739	1.00	0.00
C									
HETATM	475	H11	MYS	4	31.037	29.365	26.785	1.00	0.00
H									

HETATM	476	H12	MYS	4	32.522	29.254	27.665	1.00	0.00
H									
HETATM	477	C10	MYS	4	30.735	29.853	28.864	1.00	0.00
C									
HETATM	478	H13	MYS	4	30.531	30.899	28.636	1.00	0.00
H									
HETATM	479	H14	MYS	4	29.864	29.226	29.055	1.00	0.00
H									
HETATM	480	H15	MYS	4	31.337	29.754	29.767	1.00	0.00
H									
HETATM	481	N2	MYS	4	29.733	25.067	29.039	1.00	0.00
N									
HETATM	482	H16	MYS	4	30.431	24.615	29.612	1.00	0.00
H									
HETATM	483	C11	MYS	4	28.685	25.640	29.649	1.00	0.00
C									
HETATM	484	O5	MYS	4	27.854	26.351	29.180	1.00	0.00
O									
HETATM	485	C12	MYS	4	28.634	25.243	31.121	1.00	0.00
C									
HETATM	486	H17	MYS	4	27.778	24.579	31.245	1.00	0.00
H									
HETATM	487	H18	MYS	4	29.472	24.588	31.360	1.00	0.00
H									
HETATM	488	C13	MYS	4	28.637	26.462	32.069	1.00	0.00
C									
HETATM	489	H19	MYS	4	29.230	27.237	31.584	1.00	0.00
H									
HETATM	490	H20	MYS	4	27.697	26.974	32.275	1.00	0.00
H									
HETATM	491	C14	MYS	4	29.325	26.031	33.375	1.00	0.00
C									
HETATM	492	H21	MYS	4	28.662	25.315	33.861	1.00	0.00
H									
HETATM	493	H22	MYS	4	30.222	25.493	33.069	1.00	0.00
H									
HETATM	494	C15	MYS	4	29.686	27.124	34.421	1.00	0.00
C									
HETATM	495	H23	MYS	4	30.353	27.840	33.942	1.00	0.00
H									
HETATM	496	H24	MYS	4	28.825	27.636	34.851	1.00	0.00
H									
HETATM	497	C16	MYS	4	30.347	26.489	35.631	1.00	0.00
C									
HETATM	498	H25	MYS	4	29.710	25.687	36.002	1.00	0.00
H									
HETATM	499	H26	MYS	4	31.370	26.125	35.538	1.00	0.00
H									
HETATM	500	C17	MYS	4	30.532	27.598	36.684	1.00	0.00
C									
HETATM	501	H27	MYS	4	31.084	28.459	36.306	1.00	0.00
H									
HETATM	502	H28	MYS	4	29.543	27.988	36.922	1.00	0.00
H									
HETATM	503	C18	MYS	4	31.167	27.072	38.026	1.00	0.00
C									

HETATM	504	H29	MYS	4	30.492	26.286	38.366	1.00	0.00
H									
HETATM	505	H30	MYS	4	32.165	26.667	37.857	1.00	0.00
H									
HETATM	506	C19	MYS	4	31.157	28.235	39.135	1.00	0.00
C									
HETATM	507	H31	MYS	4	30.254	28.847	39.144	1.00	0.00
H									
HETATM	508	H32	MYS	4	31.890	29.019	38.948	1.00	0.00
H									
HETATM	509	C20	MYS	4	31.477	27.649	40.455	1.00	0.00
C									
HETATM	510	H33	MYS	4	30.629	27.047	40.781	1.00	0.00
H									
HETATM	511	H34	MYS	4	32.301	26.936	40.420	1.00	0.00
H									
HETATM	512	C21	MYS	4	31.793	28.588	41.604	1.00	0.00
C									
HETATM	513	H35	MYS	4	32.116	27.940	42.419	1.00	0.00
H									
HETATM	514	H36	MYS	4	32.589	29.216	41.203	1.00	0.00
H									
HETATM	515	C22	MYS	4	30.531	29.420	42.172	1.00	0.00
C									
HETATM	516	H37	MYS	4	30.172	29.957	41.294	1.00	0.00
H									
HETATM	517	H38	MYS	4	29.766	28.752	42.568	1.00	0.00
H									
HETATM	518	C23	MYS	4	31.130	30.377	43.305	1.00	0.00
C									
HETATM	519	H39	MYS	4	31.560	29.855	44.160	1.00	0.00
H									
HETATM	520	H40	MYS	4	31.935	31.029	42.965	1.00	0.00
H									
HETATM	521	C24	MYS	4	30.096	31.340	43.897	1.00	0.00
C									
HETATM	522	H41	MYS	4	29.189	30.874	44.282	1.00	0.00
H									
HETATM	523	H42	MYS	4	29.915	32.111	43.148	1.00	0.00
H									
HETATM	524	C25	MYS	4	30.763	32.181	45.041	1.00	0.00
C									
HETATM	525	H43	MYS	4	29.961	32.732	45.533	1.00	0.00
H									
HETATM	526	H44	MYS	4	31.156	31.551	45.839	1.00	0.00
H									
HETATM	527	H45	MYS	4	31.521	32.798	44.559	1.00	0.00
H									
HETATM	528	N3	MYS	4	26.888	22.815	19.182	1.00	0.00
N									
HETATM	529	H46	MYS	4	27.050	23.792	18.985	1.00	0.00
H									
HETATM	530	C26	MYS	4	26.026	21.990	18.386	1.00	0.00
C									
HETATM	531	H47	MYS	4	25.975	20.965	18.753	1.00	0.00
H									

HETATM	532	H48	MYS	4	26.412	21.902	17.371	1.00	0.00
H									
HETATM	533	C27	MYS	4	24.660	22.553	18.313	1.00	0.00
C									
HETATM	534	H49	MYS	4	24.814	23.630	18.252	1.00	0.00
H									
HETATM	535	H50	MYS	4	24.122	22.352	19.239	1.00	0.00
H									
HETATM	536	C28	MYS	4	23.927	21.942	17.080	1.00	0.00
C									
HETATM	537	H51	MYS	4	24.512	22.119	16.178	1.00	0.00
H									
HETATM	538	H52	MYS	4	22.965	22.432	16.922	1.00	0.00
H									
HETATM	539	C29	MYS	4	23.688	20.424	17.124	1.00	0.00
C									
HETATM	540	H53	MYS	4	23.039	20.274	17.987	1.00	0.00
H									
HETATM	541	H54	MYS	4	24.606	19.840	17.190	1.00	0.00
H									
HETATM	542	C30	MYS	4	22.900	19.917	15.937	1.00	0.00
C									
HETATM	543	H55	MYS	4	23.502	20.167	15.064	1.00	0.00
H									
HETATM	544	C31	MYS	4	22.851	18.376	15.849	1.00	0.00
C									
HETATM	545	O6	MYS	4	21.789	17.754	15.841	1.00	0.00
O									
HETATM	546	O7	MYS	4	24.014	17.732	15.769	1.00	0.00
O									
HETATM	547	C32	MYS	4	24.088	16.361	15.738	1.00	0.00
C									
HETATM	548	H56	MYS	4	23.896	16.014	14.723	1.00	0.00
H									
HETATM	549	H57	MYS	4	23.470	15.768	16.412	1.00	0.00
H									
HETATM	550	C33	MYS	4	25.606	16.126	15.904	1.00	0.00
C									
HETATM	551	H58	MYS	4	25.883	16.505	16.888	1.00	0.00
H									
HETATM	552	H59	MYS	4	25.763	15.048	15.917	1.00	0.00
H									
HETATM	553	H60	MYS	4	26.115	16.747	15.167	1.00	0.00
H									
HETATM	554	N4	MYS	4	21.664	20.555	15.795	1.00	0.00
N									
HETATM	555	H61	MYS	4	21.562	21.137	14.975	1.00	0.00
H									
HETATM	556	C34	MYS	4	20.607	20.497	16.649	1.00	0.00
C									
HETATM	557	O8	MYS	4	20.654	19.898	17.708	1.00	0.00
O									
HETATM	558	C35	MYS	4	19.386	21.319	16.393	1.00	0.00
C									
HETATM	559	H62	MYS	4	19.391	21.660	15.358	1.00	0.00
H									

HETATM	560	H63	MYS	4	18.522	20.698	16.629	1.00	0.00
H									
HETATM	561	C36	MYS	4	19.371	22.560	17.268	1.00	0.00
C									
HETATM	562	H64	MYS	4	19.469	22.422	18.345	1.00	0.00
H									
HETATM	563	H65	MYS	4	20.161	23.254	16.983	1.00	0.00
H									
HETATM	564	C37	MYS	4	18.009	23.320	16.970	1.00	0.00
C									
HETATM	565	H66	MYS	4	17.862	23.283	15.890	1.00	0.00
H									
HETATM	566	H67	MYS	4	17.181	22.860	17.510	1.00	0.00
H									
HETATM	567	C38	MYS	4	18.213	24.786	17.446	1.00	0.00
C									
HETATM	568	H68	MYS	4	18.921	25.289	16.788	1.00	0.00
H									
HETATM	569	H69	MYS	4	18.762	24.835	18.386	1.00	0.00
H									
HETATM	570	C39	MYS	4	16.908	25.560	17.613	1.00	0.00
C									
HETATM	571	H70	MYS	4	16.438	25.850	16.674	1.00	0.00
H									
HETATM	572	H71	MYS	4	16.041	25.084	18.071	1.00	0.00
H									
HETATM	573	C40	MYS	4	17.153	26.891	18.368	1.00	0.00
C									
HETATM	574	H72	MYS	4	17.430	26.624	19.388	1.00	0.00
H									
HETATM	575	H73	MYS	4	17.872	27.510	17.831	1.00	0.00
H									
HETATM	576	C41	MYS	4	15.814	27.714	18.387	1.00	0.00
C									
HETATM	577	H74	MYS	4	16.042	28.640	18.914	1.00	0.00
H									
HETATM	578	H75	MYS	4	15.454	27.871	17.370	1.00	0.00
H									
HETATM	579	C42	MYS	4	14.636	27.172	19.150	1.00	0.00
C									
HETATM	580	H76	MYS	4	14.957	27.058	20.185	1.00	0.00
H									
HETATM	581	H77	MYS	4	14.262	26.318	18.586	1.00	0.00
H									
HETATM	582	C43	MYS	4	13.469	28.217	19.216	1.00	0.00
C									
HETATM	583	H78	MYS	4	13.796	29.083	19.792	1.00	0.00
H									
HETATM	584	H79	MYS	4	13.123	28.584	18.250	1.00	0.00
H									
HETATM	585	C44	MYS	4	12.234	27.559	19.958	1.00	0.00
C									
HETATM	586	H80	MYS	4	11.812	26.777	19.326	1.00	0.00
H									
HETATM	587	H81	MYS	4	12.585	27.068	20.866	1.00	0.00
H									

HETATM	588	C45	MYS	4	11.203	28.568	20.333	1.00	0.00
C									
HETATM	589	H82	MYS	4	11.684	29.356	20.912	1.00	0.00
H									
HETATM	590	H83	MYS	4	10.795	28.984	19.412	1.00	0.00
H									
HETATM	591	C46	MYS	4	10.093	27.854	21.128	1.00	0.00
C									
HETATM	592	H84	MYS	4	9.819	26.924	20.631	1.00	0.00
H									
HETATM	593	H85	MYS	4	9.187	28.460	21.135	1.00	0.00
H									
HETATM	594	C47	MYS	4	10.576	27.578	22.606	1.00	0.00
C									
HETATM	595	H86	MYS	4	11.494	26.995	22.540	1.00	0.00
H									
HETATM	596	H87	MYS	4	10.671	28.444	23.262	1.00	0.00
H									
HETATM	597	C48	MYS	4	9.543	26.696	23.314	1.00	0.00
C									
HETATM	598	H88	MYS	4	8.617	27.244	23.485	1.00	0.00
H									
HETATM	599	H89	MYS	4	9.377	25.822	22.683	1.00	0.00
H									
HETATM	600	H90	MYS	4	9.938	26.277	24.239	1.00	0.00
H									
HETATM	601	C1	MYS	5	26.996	27.742	18.774	1.00	0.00
C									
HETATM	602	O1	MYS	5	26.571	28.909	18.496	1.00	0.00
O									
HETATM	603	C2	MYS	5	27.084	26.666	17.714	1.00	0.00
C									
HETATM	604	O2	MYS	5	27.526	25.492	17.920	1.00	0.00
O									
HETATM	605	N1	MYS	5	27.423	27.371	19.971	1.00	0.00
N									
HETATM	606	H1	MYS	5	27.788	26.431	20.025	1.00	0.00
H									
HETATM	607	C3	MYS	5	27.660	28.452	20.956	1.00	0.00
C									
HETATM	608	H2	MYS	5	26.822	28.540	21.647	1.00	0.00
H									
HETATM	609	H3	MYS	5	27.682	29.469	20.565	1.00	0.00
H									
HETATM	610	C4	MYS	5	29.079	28.297	21.606	1.00	0.00
C									
HETATM	611	H4	MYS	5	29.839	28.397	20.832	1.00	0.00
H									
HETATM	612	H5	MYS	5	29.065	27.292	22.028	1.00	0.00
H									
HETATM	613	C5	MYS	5	29.299	29.441	22.575	1.00	0.00
C									
HETATM	614	H6	MYS	5	29.163	30.387	22.051	1.00	0.00
H									
HETATM	615	H7	MYS	5	30.318	29.376	22.957	1.00	0.00
H									

HETATM	616	C6	MYS	5	28.461	29.171	23.861	1.00	0.00
C									
HETATM	617	H8	MYS	5	28.606	28.210	24.354	1.00	0.00
H									
HETATM	618	H9	MYS	5	27.417	29.305	23.577	1.00	0.00
H									
HETATM	619	C7	MYS	5	28.553	30.351	24.877	1.00	0.00
C									
HETATM	620	H10	MYS	5	29.627	30.537	24.906	1.00	0.00
H									
HETATM	621	C8	MYS	5	27.798	31.677	24.526	1.00	0.00
C									
HETATM	622	O3	MYS	5	27.212	31.811	23.461	1.00	0.00
O									
HETATM	623	O4	MYS	5	28.103	32.688	25.318	1.00	0.00
O									
HETATM	624	C9	MYS	5	27.608	33.926	25.119	1.00	0.00
C									
HETATM	625	H11	MYS	5	27.592	34.238	24.074	1.00	0.00
H									
HETATM	626	H12	MYS	5	28.294	34.655	25.550	1.00	0.00
H									
HETATM	627	C10	MYS	5	26.286	34.043	25.928	1.00	0.00
C									
HETATM	628	H13	MYS	5	26.537	33.644	26.910	1.00	0.00
H									
HETATM	629	H14	MYS	5	25.911	35.060	26.035	1.00	0.00
H									
HETATM	630	H15	MYS	5	25.457	33.408	25.615	1.00	0.00
H									
HETATM	631	N2	MYS	5	28.169	29.814	26.131	1.00	0.00
N									
HETATM	632	H16	MYS	5	28.918	29.432	26.691	1.00	0.00
H									
HETATM	633	C11	MYS	5	26.953	29.764	26.605	1.00	0.00
C									
HETATM	634	O5	MYS	5	25.954	29.879	25.879	1.00	0.00
O									
HETATM	635	C12	MYS	5	26.750	29.221	28.014	1.00	0.00
C									
HETATM	636	H17	MYS	5	25.838	28.632	28.115	1.00	0.00
H									
HETATM	637	H18	MYS	5	27.587	28.574	28.280	1.00	0.00
H									
HETATM	638	C13	MYS	5	26.762	30.343	29.059	1.00	0.00
C									
HETATM	639	H19	MYS	5	27.791	30.700	29.091	1.00	0.00
H									
HETATM	640	H20	MYS	5	26.046	31.136	28.842	1.00	0.00
H									
HETATM	641	C14	MYS	5	26.451	29.718	30.408	1.00	0.00
C									
HETATM	642	H21	MYS	5	25.367	29.659	30.507	1.00	0.00
H									
HETATM	643	H22	MYS	5	26.759	28.681	30.538	1.00	0.00
H									

HETATM	644	C15	MYS	5	27.055	30.552	31.562	1.00	0.00
C									
HETATM	645	H23	MYS	5	28.135	30.536	31.418	1.00	0.00
H									
HETATM	646	H24	MYS	5	26.803	31.611	31.502	1.00	0.00
H									
HETATM	647	C16	MYS	5	26.569	29.943	32.906	1.00	0.00
C									
HETATM	648	H25	MYS	5	25.677	29.316	32.929	1.00	0.00
H									
HETATM	649	H26	MYS	5	27.415	29.377	33.293	1.00	0.00
H									
HETATM	650	C17	MYS	5	26.181	31.099	33.817	1.00	0.00
C									
HETATM	651	H27	MYS	5	26.996	31.801	33.997	1.00	0.00
H									
HETATM	652	H28	MYS	5	25.309	31.614	33.415	1.00	0.00
H									
HETATM	653	C18	MYS	5	25.784	30.548	35.139	1.00	0.00
C									
HETATM	654	H29	MYS	5	25.376	31.403	35.678	1.00	0.00
H									
HETATM	655	H30	MYS	5	24.931	29.890	34.968	1.00	0.00
H									
HETATM	656	C19	MYS	5	26.873	29.840	35.935	1.00	0.00
C									
HETATM	657	H31	MYS	5	27.812	30.380	36.062	1.00	0.00
H									
HETATM	658	H32	MYS	5	27.272	28.904	35.544	1.00	0.00
H									
HETATM	659	C20	MYS	5	26.326	29.493	37.344	1.00	0.00
C									
HETATM	660	H33	MYS	5	25.258	29.277	37.323	1.00	0.00
H									
HETATM	661	H34	MYS	5	26.683	28.562	37.785	1.00	0.00
H									
HETATM	662	C21	MYS	5	26.662	30.663	38.341	1.00	0.00
C									
HETATM	663	H35	MYS	5	27.750	30.607	38.389	1.00	0.00
H									
HETATM	664	H36	MYS	5	26.571	31.696	38.007	1.00	0.00
H									
HETATM	665	C22	MYS	5	26.177	30.514	39.682	1.00	0.00
C									
HETATM	666	H37	MYS	5	25.093	30.410	39.720	1.00	0.00
H									
HETATM	667	H38	MYS	5	26.569	29.552	40.009	1.00	0.00
H									
HETATM	668	C23	MYS	5	26.790	31.559	40.639	1.00	0.00
C									
HETATM	669	H39	MYS	5	27.860	31.704	40.492	1.00	0.00
H									
HETATM	670	H40	MYS	5	26.341	32.507	40.341	1.00	0.00
H									
HETATM	671	C24	MYS	5	26.567	31.182	42.104	1.00	0.00
C									

HETATM	672	H41	MYS	5	26.824	32.043	42.720	1.00	0.00
H									
HETATM	673	H42	MYS	5	27.131	30.389	42.595	1.00	0.00
H									
HETATM	674	C25	MYS	5	25.068	30.889	42.303	1.00	0.00
C									
HETATM	675	H43	MYS	5	24.865	29.902	41.887	1.00	0.00
H									
HETATM	676	H44	MYS	5	24.870	30.776	43.369	1.00	0.00
H									
HETATM	677	H45	MYS	5	24.433	31.670	41.886	1.00	0.00
H									
HETATM	678	N3	MYS	5	26.690	27.105	16.481	1.00	0.00
N									
HETATM	679	H46	MYS	5	26.279	28.025	16.404	1.00	0.00
H									
HETATM	680	C26	MYS	5	26.648	26.153	15.337	1.00	0.00
C									
HETATM	681	H47	MYS	5	27.212	25.235	15.501	1.00	0.00
H									
HETATM	682	H48	MYS	5	27.110	26.602	14.458	1.00	0.00
H									
HETATM	683	C27	MYS	5	25.197	25.807	15.065	1.00	0.00
C									
HETATM	684	H49	MYS	5	24.651	26.749	15.103	1.00	0.00
H									
HETATM	685	H50	MYS	5	24.764	25.211	15.868	1.00	0.00
H									
HETATM	686	C28	MYS	5	24.997	25.131	13.688	1.00	0.00
C									
HETATM	687	H51	MYS	5	25.644	24.258	13.593	1.00	0.00
H									
HETATM	688	H52	MYS	5	25.285	25.757	12.843	1.00	0.00
H									
HETATM	689	C29	MYS	5	23.491	24.844	13.588	1.00	0.00
C									
HETATM	690	H53	MYS	5	22.943	25.734	13.898	1.00	0.00
H									
HETATM	691	H54	MYS	5	23.137	24.181	14.377	1.00	0.00
H									
HETATM	692	C30	MYS	5	23.072	24.190	12.216	1.00	0.00
C									
HETATM	693	H55	MYS	5	23.509	24.948	11.565	1.00	0.00
H									
HETATM	694	C31	MYS	5	23.779	22.797	11.962	1.00	0.00
C									
HETATM	695	O6	MYS	5	23.974	22.085	12.960	1.00	0.00
O									
HETATM	696	O7	MYS	5	24.148	22.518	10.701	1.00	0.00
O									
HETATM	697	C32	MYS	5	24.710	21.309	10.280	1.00	0.00
C									
HETATM	698	H56	MYS	5	24.103	20.421	10.457	1.00	0.00
H									
HETATM	699	H57	MYS	5	25.690	21.236	10.752	1.00	0.00
H									

HETATM	700	C33	MYS	5	25.065	21.523	8.806	1.00	0.00
C									
HETATM	701	H58	MYS	5	25.905	22.217	8.758	1.00	0.00
H									
HETATM	702	H59	MYS	5	25.321	20.581	8.323	1.00	0.00
H									
HETATM	703	H60	MYS	5	24.223	22.032	8.338	1.00	0.00
H									
HETATM	704	N4	MYS	5	21.634	24.177	12.111	1.00	0.00
N									
HETATM	705	H61	MYS	5	21.247	24.699	11.339	1.00	0.00
H									
HETATM	706	C34	MYS	5	20.806	23.331	12.741	1.00	0.00
C									
HETATM	707	O8	MYS	5	21.195	22.553	13.666	1.00	0.00
O									
HETATM	708	C35	MYS	5	19.383	23.306	12.259	1.00	0.00
C									
HETATM	709	H62	MYS	5	19.222	23.466	11.193	1.00	0.00
H									
HETATM	710	H63	MYS	5	19.018	22.305	12.487	1.00	0.00
H									
HETATM	711	C36	MYS	5	18.525	24.418	12.870	1.00	0.00
C									
HETATM	712	H64	MYS	5	18.658	24.468	13.950	1.00	0.00
H									
HETATM	713	H65	MYS	5	18.735	25.362	12.368	1.00	0.00
H									
HETATM	714	C37	MYS	5	17.026	24.283	12.580	1.00	0.00
C									
HETATM	715	H66	MYS	5	16.797	24.340	11.516	1.00	0.00
H									
HETATM	716	H67	MYS	5	16.674	23.279	12.817	1.00	0.00
H									
HETATM	717	C38	MYS	5	16.265	25.263	13.479	1.00	0.00
C									
HETATM	718	H68	MYS	5	16.739	26.235	13.345	1.00	0.00
H									
HETATM	719	H69	MYS	5	16.498	25.097	14.531	1.00	0.00
H									
HETATM	720	C39	MYS	5	14.751	25.415	13.168	1.00	0.00
C									
HETATM	721	H70	MYS	5	14.566	25.742	12.144	1.00	0.00
H									
HETATM	722	H71	MYS	5	14.361	24.429	13.417	1.00	0.00
H									
HETATM	723	C40	MYS	5	14.075	26.356	14.122	1.00	0.00
C									
HETATM	724	H72	MYS	5	14.268	25.984	15.128	1.00	0.00
H									
HETATM	725	H73	MYS	5	14.472	27.370	14.161	1.00	0.00
H									
HETATM	726	C41	MYS	5	12.606	26.332	13.794	1.00	0.00
C									
HETATM	727	H74	MYS	5	12.534	26.677	12.763	1.00	0.00
H									

HETATM	728	H75	MYS	5	12.366	25.271	13.866	1.00	0.00
H									
HETATM	729	C42	MYS	5	11.799	27.288	14.749	1.00	0.00
C									
HETATM	730	H76	MYS	5	12.120	28.323	14.630	1.00	0.00
H									
HETATM	731	H77	MYS	5	12.155	27.005	15.739	1.00	0.00
H									
HETATM	732	C43	MYS	5	10.340	27.170	14.630	1.00	0.00
C									
HETATM	733	H78	MYS	5	9.964	27.293	13.615	1.00	0.00
H									
HETATM	734	H79	MYS	5	10.023	26.175	14.941	1.00	0.00
H									
HETATM	735	C44	MYS	5	9.606	28.160	15.553	1.00	0.00
C									
HETATM	736	H80	MYS	5	9.731	27.846	16.589	1.00	0.00
H									
HETATM	737	H81	MYS	5	9.998	29.173	15.461	1.00	0.00
H									
HETATM	738	C45	MYS	5	8.096	28.031	15.399	1.00	0.00
C									
HETATM	739	H82	MYS	5	7.773	28.732	14.629	1.00	0.00
H									
HETATM	740	H83	MYS	5	7.870	27.050	14.981	1.00	0.00
H									
HETATM	741	C46	MYS	5	7.319	28.362	16.695	1.00	0.00
C									
HETATM	742	H84	MYS	5	7.574	29.290	17.207	1.00	0.00
H									
HETATM	743	H85	MYS	5	7.614	27.670	17.483	1.00	0.00
H									
HETATM	744	C47	MYS	5	5.752	28.173	16.391	1.00	0.00
C									
HETATM	745	H86	MYS	5	5.606	27.205	15.911	1.00	0.00
H									
HETATM	746	H87	MYS	5	5.295	28.253	17.378	1.00	0.00
H									
HETATM	747	C48	MYS	5	5.044	29.246	15.587	1.00	0.00
C									
HETATM	748	H88	MYS	5	3.956	29.236	15.646	1.00	0.00
H									
HETATM	749	H89	MYS	5	5.346	30.178	16.066	1.00	0.00
H									
HETATM	750	H90	MYS	5	5.532	29.385	14.622	1.00	0.00
H									
HETATM	751	C1	MYS	6	23.444	30.521	17.167	1.00	0.00
C									
HETATM	752	O1	MYS	6	22.351	31.063	17.257	1.00	0.00
O									
HETATM	753	C2	MYS	6	23.919	29.963	15.716	1.00	0.00
C									
HETATM	754	O2	MYS	6	24.953	29.296	15.591	1.00	0.00
O									
HETATM	755	N1	MYS	6	24.227	30.149	18.183	1.00	0.00
N									

HETATM	756	H1	MYS	6	25.031	29.574	17.980	1.00	0.00
H									
HETATM	757	C3	MYS	6	24.111	30.685	19.547	1.00	0.00
C									
HETATM	758	H2	MYS	6	23.316	31.427	19.628	1.00	0.00
H									
HETATM	759	H3	MYS	6	25.010	31.263	19.763	1.00	0.00
H									
HETATM	760	C4	MYS	6	23.925	29.568	20.615	1.00	0.00
C									
HETATM	761	H4	MYS	6	24.549	28.684	20.484	1.00	0.00
H									
HETATM	762	H5	MYS	6	22.936	29.197	20.347	1.00	0.00
H									
HETATM	763	C5	MYS	6	23.958	30.024	22.048	1.00	0.00
C									
HETATM	764	H6	MYS	6	25.016	30.174	22.261	1.00	0.00
H									
HETATM	765	H7	MYS	6	23.562	29.207	22.651	1.00	0.00
H									
HETATM	766	C6	MYS	6	23.313	31.372	22.320	1.00	0.00
C									
HETATM	767	H8	MYS	6	22.229	31.357	22.206	1.00	0.00
H									
HETATM	768	H9	MYS	6	23.731	32.077	21.602	1.00	0.00
H									
HETATM	769	C7	MYS	6	23.624	31.745	23.772	1.00	0.00
C									
HETATM	770	H10	MYS	6	24.696	31.933	23.820	1.00	0.00
H									
HETATM	771	C8	MYS	6	22.958	33.110	24.203	1.00	0.00
C									
HETATM	772	O3	MYS	6	22.436	33.902	23.354	1.00	0.00
O									
HETATM	773	O4	MYS	6	22.949	33.324	25.480	1.00	0.00
O									
HETATM	774	C9	MYS	6	22.049	34.276	26.078	1.00	0.00
C									
HETATM	775	H11	MYS	6	21.026	33.988	25.835	1.00	0.00
H									
HETATM	776	H12	MYS	6	22.225	35.254	25.631	1.00	0.00
H									
HETATM	777	C10	MYS	6	22.173	34.308	27.595	1.00	0.00
C									
HETATM	778	H13	MYS	6	21.464	35.049	27.963	1.00	0.00
H									
HETATM	779	H14	MYS	6	22.025	33.331	28.055	1.00	0.00
H									
HETATM	780	H15	MYS	6	23.227	34.501	27.790	1.00	0.00
H									
HETATM	781	N2	MYS	6	23.373	30.635	24.690	1.00	0.00
N									
HETATM	782	H16	MYS	6	24.220	30.344	25.156	1.00	0.00
H									
HETATM	783	C11	MYS	6	22.254	30.193	25.104	1.00	0.00
C									

HETATM	784	O5	MYS	6	21.213	30.653	24.677	1.00	0.00
O									
HETATM	785	C12	MYS	6	22.256	29.323	26.346	1.00	0.00
C									
HETATM	786	H17	MYS	6	21.514	28.527	26.403	1.00	0.00
H									
HETATM	787	H18	MYS	6	23.223	28.825	26.420	1.00	0.00
H									
HETATM	788	C13	MYS	6	22.265	30.244	27.584	1.00	0.00
C									
HETATM	789	H19	MYS	6	22.922	31.103	27.444	1.00	0.00
H									
HETATM	790	H20	MYS	6	21.246	30.585	27.765	1.00	0.00
H									
HETATM	791	C14	MYS	6	22.511	29.418	28.849	1.00	0.00
C									
HETATM	792	H21	MYS	6	21.751	28.639	28.913	1.00	0.00
H									
HETATM	793	H22	MYS	6	23.489	28.938	28.882	1.00	0.00
H									
HETATM	794	C15	MYS	6	22.320	30.376	30.027	1.00	0.00
C									
HETATM	795	H23	MYS	6	23.195	31.018	29.925	1.00	0.00
H									
HETATM	796	H24	MYS	6	21.462	31.044	29.963	1.00	0.00
H									
HETATM	797	C16	MYS	6	22.287	29.709	31.418	1.00	0.00
C									
HETATM	798	H25	MYS	6	21.401	29.080	31.330	1.00	0.00
H									
HETATM	799	H26	MYS	6	23.183	29.089	31.429	1.00	0.00
H									
HETATM	800	C17	MYS	6	22.148	30.691	32.587	1.00	0.00
C									
HETATM	801	H27	MYS	6	22.983	31.384	32.482	1.00	0.00
H									
HETATM	802	H28	MYS	6	21.256	31.316	32.540	1.00	0.00
H									
HETATM	803	C18	MYS	6	22.111	29.933	33.971	1.00	0.00
C									
HETATM	804	H29	MYS	6	21.226	29.312	34.107	1.00	0.00
H									
HETATM	805	H30	MYS	6	23.018	29.337	34.070	1.00	0.00
H									
HETATM	806	C19	MYS	6	22.128	30.983	35.066	1.00	0.00
C									
HETATM	807	H31	MYS	6	21.247	31.606	34.918	1.00	0.00
H									
HETATM	808	H32	MYS	6	23.033	31.570	34.911	1.00	0.00
H									
HETATM	809	C20	MYS	6	22.293	30.396	36.558	1.00	0.00
C									
HETATM	810	H33	MYS	6	21.460	29.733	36.790	1.00	0.00
H									
HETATM	811	H34	MYS	6	23.253	29.881	36.520	1.00	0.00
H									

HETATM	812	C21	MYS	6	22.241	31.587	37.492	1.00	0.00
C									
HETATM	813	H35	MYS	6	21.292	32.084	37.290	1.00	0.00
H									
HETATM	814	H36	MYS	6	22.043	31.210	38.495	1.00	0.00
H									
HETATM	815	C22	MYS	6	23.360	32.673	37.491	1.00	0.00
C									
HETATM	816	H37	MYS	6	24.344	32.204	37.521	1.00	0.00
H									
HETATM	817	H38	MYS	6	23.316	33.238	36.560	1.00	0.00
H									
HETATM	818	C23	MYS	6	23.182	33.566	38.671	1.00	0.00
C									
HETATM	819	H39	MYS	6	22.327	34.229	38.533	1.00	0.00
H									
HETATM	820	H40	MYS	6	22.873	33.085	39.598	1.00	0.00
H									
HETATM	821	C24	MYS	6	24.425	34.453	38.859	1.00	0.00
C									
HETATM	822	H41	MYS	6	24.598	34.966	37.913	1.00	0.00
H									
HETATM	823	H42	MYS	6	25.302	33.853	39.102	1.00	0.00
H									
HETATM	824	C25	MYS	6	24.150	35.464	39.989	1.00	0.00
C									
HETATM	825	H43	MYS	6	23.503	35.151	40.809	1.00	0.00
H									
HETATM	826	H44	MYS	6	25.098	35.656	40.490	1.00	0.00
H									
HETATM	827	H45	MYS	6	23.792	36.364	39.489	1.00	0.00
H									
HETATM	828	N3	MYS	6	23.075	30.259	14.723	1.00	0.00
N									
HETATM	829	H46	MYS	6	22.339	30.918	14.933	1.00	0.00
H									
HETATM	830	C26	MYS	6	23.268	29.798	13.353	1.00	0.00
C									
HETATM	831	H47	MYS	6	23.231	28.709	13.384	1.00	0.00
H									
HETATM	832	H48	MYS	6	24.221	30.138	12.947	1.00	0.00
H									
HETATM	833	C27	MYS	6	22.116	30.235	12.452	1.00	0.00
C									
HETATM	834	H49	MYS	6	22.068	31.323	12.492	1.00	0.00
H									
HETATM	835	H50	MYS	6	21.173	29.796	12.777	1.00	0.00
H									
HETATM	836	C28	MYS	6	22.305	29.858	11.028	1.00	0.00
C									
HETATM	837	H51	MYS	6	23.173	30.426	10.692	1.00	0.00
H									
HETATM	838	H52	MYS	6	21.369	30.199	10.587	1.00	0.00
H									
HETATM	839	C29	MYS	6	22.654	28.302	10.785	1.00	0.00
C									

HETATM	840	H53	MYS	6	21.924	27.780	11.403	1.00	0.00
H									
HETATM	841	H54	MYS	6	23.695	28.108	11.048	1.00	0.00
H									
HETATM	842	C30	MYS	6	22.269	28.033	9.322	1.00	0.00
C									
HETATM	843	H55	MYS	6	22.484	28.912	8.715	1.00	0.00
H									
HETATM	844	C31	MYS	6	23.036	26.822	8.697	1.00	0.00
C									
HETATM	845	O6	MYS	6	22.430	26.073	7.968	1.00	0.00
O									
HETATM	846	O7	MYS	6	24.386	26.773	8.991	1.00	0.00
O									
HETATM	847	C32	MYS	6	25.120	25.593	8.505	1.00	0.00
C									
HETATM	848	H56	MYS	6	25.214	25.618	7.419	1.00	0.00
H									
HETATM	849	H57	MYS	6	24.720	24.646	8.869	1.00	0.00
H									
HETATM	850	C33	MYS	6	26.517	25.713	8.985	1.00	0.00
C									
HETATM	851	H58	MYS	6	26.385	25.944	10.042	1.00	0.00
H									
HETATM	852	H59	MYS	6	27.171	24.876	8.741	1.00	0.00
H									
HETATM	853	H60	MYS	6	27.002	26.527	8.446	1.00	0.00
H									
HETATM	854	N4	MYS	6	20.753	27.885	9.252	1.00	0.00
N									
HETATM	855	H61	MYS	6	20.289	28.530	8.628	1.00	0.00
H									
HETATM	856	C34	MYS	6	20.025	26.888	9.699	1.00	0.00
C									
HETATM	857	O8	MYS	6	20.551	25.981	10.271	1.00	0.00
O									
HETATM	858	C35	MYS	6	18.521	26.989	9.456	1.00	0.00
C									
HETATM	859	H62	MYS	6	18.338	27.497	8.509	1.00	0.00
H									
HETATM	860	H63	MYS	6	18.066	25.999	9.468	1.00	0.00
H									
HETATM	861	C36	MYS	6	17.808	27.821	10.547	1.00	0.00
C									
HETATM	862	H64	MYS	6	17.971	27.298	11.489	1.00	0.00
H									
HETATM	863	H65	MYS	6	18.378	28.749	10.492	1.00	0.00
H									
HETATM	864	C37	MYS	6	16.390	28.138	10.287	1.00	0.00
C									
HETATM	865	H66	MYS	6	16.314	28.717	9.367	1.00	0.00
H									
HETATM	866	H67	MYS	6	15.903	27.167	10.202	1.00	0.00
H									
HETATM	867	C38	MYS	6	15.721	28.934	11.474	1.00	0.00
C									

HETATM	868	H68	MYS	6	16.306	29.829	11.689	1.00	0.00
H									
HETATM	869	H69	MYS	6	15.766	28.246	12.317	1.00	0.00
H									
HETATM	870	C39	MYS	6	14.279	29.238	11.296	1.00	0.00
C									
HETATM	871	H70	MYS	6	14.187	29.877	10.418	1.00	0.00
H									
HETATM	872	H71	MYS	6	13.694	28.333	11.132	1.00	0.00
H									
HETATM	873	C40	MYS	6	13.786	30.092	12.519	1.00	0.00
C									
HETATM	874	H72	MYS	6	13.965	29.636	13.493	1.00	0.00
H									
HETATM	875	H73	MYS	6	14.222	31.091	12.528	1.00	0.00
H									
HETATM	876	C41	MYS	6	12.291	30.137	12.165	1.00	0.00
C									
HETATM	877	H74	MYS	6	12.127	30.532	11.162	1.00	0.00
H									
HETATM	878	H75	MYS	6	11.865	29.140	12.277	1.00	0.00
H									
HETATM	879	C42	MYS	6	11.511	30.999	13.204	1.00	0.00
C									
HETATM	880	H76	MYS	6	11.837	32.033	13.093	1.00	0.00
H									
HETATM	881	H77	MYS	6	11.627	30.652	14.230	1.00	0.00
H									
HETATM	882	C43	MYS	6	10.017	31.035	12.780	1.00	0.00
C									
HETATM	883	H78	MYS	6	9.978	31.332	11.732	1.00	0.00
H									
HETATM	884	H79	MYS	6	9.694	30.003	12.919	1.00	0.00
H									
HETATM	885	C44	MYS	6	9.121	31.918	13.627	1.00	0.00
C									
HETATM	886	H80	MYS	6	9.005	31.525	14.637	1.00	0.00
H									
HETATM	887	H81	MYS	6	9.589	32.903	13.623	1.00	0.00
H									
HETATM	888	C45	MYS	6	7.735	32.009	13.074	1.00	0.00
C									
HETATM	889	H82	MYS	6	7.753	32.678	12.213	1.00	0.00
H									
HETATM	890	H83	MYS	6	7.459	31.116	12.512	1.00	0.00
H									
HETATM	891	C46	MYS	6	6.689	32.531	14.037	1.00	0.00
C									
HETATM	892	H84	MYS	6	7.054	33.378	14.618	1.00	0.00
H									
HETATM	893	H85	MYS	6	6.613	31.727	14.769	1.00	0.00
H									
HETATM	894	C47	MYS	6	5.372	32.976	13.482	1.00	0.00
C									
HETATM	895	H86	MYS	6	5.559	33.844	12.851	1.00	0.00
H									

HETATM	896	H87	MYS	6	5.083	32.229	12.743	1.00	0.00
H									
HETATM	897	C48	MYS	6	4.217	33.331	14.531	1.00	0.00
C									
HETATM	898	H88	MYS	6	3.441	33.857	13.974	1.00	0.00
H									
HETATM	899	H89	MYS	6	3.780	32.471	15.037	1.00	0.00
H									
HETATM	900	H90	MYS	6	4.688	33.939	15.304	1.00	0.00
H									
HETATM	901	C1	MYS	7	20.414	34.319	16.160	1.00	0.00
C									
HETATM	902	O1	MYS	7	19.733	35.354	16.101	1.00	0.00
O									
HETATM	903	C2	MYS	7	20.955	33.778	14.792	1.00	0.00
C									
HETATM	904	O2	MYS	7	21.582	32.731	14.656	1.00	0.00
O									
HETATM	905	N1	MYS	7	20.833	33.719	17.255	1.00	0.00
N									
HETATM	906	H1	MYS	7	21.403	32.887	17.194	1.00	0.00
H									
HETATM	907	C3	MYS	7	20.711	34.143	18.610	1.00	0.00
C									
HETATM	908	H2	MYS	7	20.202	35.107	18.606	1.00	0.00
H									
HETATM	909	H3	MYS	7	21.689	34.259	19.077	1.00	0.00
H									
HETATM	910	C4	MYS	7	19.876	33.249	19.465	1.00	0.00
C									
HETATM	911	H4	MYS	7	20.228	32.222	19.374	1.00	0.00
H									
HETATM	912	H5	MYS	7	18.872	33.204	19.045	1.00	0.00
H									
HETATM	913	C5	MYS	7	19.930	33.813	20.890	1.00	0.00
C									
HETATM	914	H6	MYS	7	19.548	34.833	20.847	1.00	0.00
H									
HETATM	915	H7	MYS	7	20.962	33.817	21.242	1.00	0.00
H									
HETATM	916	C6	MYS	7	19.030	32.923	21.778	1.00	0.00
C									
HETATM	917	H8	MYS	7	19.241	31.869	21.597	1.00	0.00
H									
HETATM	918	H9	MYS	7	17.965	33.077	21.604	1.00	0.00
H									
HETATM	919	C7	MYS	7	19.160	33.272	23.286	1.00	0.00
C									
HETATM	920	H10	MYS	7	20.203	33.534	23.467	1.00	0.00
H									
HETATM	921	C8	MYS	7	18.385	34.499	23.704	1.00	0.00
C									
HETATM	922	O3	MYS	7	17.392	34.901	23.045	1.00	0.00
O									
HETATM	923	O4	MYS	7	18.761	35.102	24.851	1.00	0.00
O									

HETATM	924	C9	MYS	7	18.292	36.444	25.201	1.00	0.00
C									
HETATM	925	H11	MYS	7	17.303	36.295	25.634	1.00	0.00
H									
HETATM	926	H12	MYS	7	18.400	37.095	24.333	1.00	0.00
H									
HETATM	927	C10	MYS	7	19.104	36.982	26.362	1.00	0.00
C									
HETATM	928	H13	MYS	7	20.047	37.453	26.086	1.00	0.00
H									
HETATM	929	H14	MYS	7	18.449	37.616	26.960	1.00	0.00
H									
HETATM	930	H15	MYS	7	19.442	36.124	26.942	1.00	0.00
H									
HETATM	931	N2	MYS	7	18.937	32.191	24.126	1.00	0.00
N									
HETATM	932	H16	MYS	7	19.750	31.718	24.495	1.00	0.00
H									
HETATM	933	C11	MYS	7	17.764	31.756	24.681	1.00	0.00
C									
HETATM	934	O5	MYS	7	16.675	32.279	24.458	1.00	0.00
O									
HETATM	935	C12	MYS	7	17.853	30.656	25.712	1.00	0.00
C									
HETATM	936	H17	MYS	7	16.909	30.120	25.803	1.00	0.00
H									
HETATM	937	H18	MYS	7	18.698	30.017	25.453	1.00	0.00
H									
HETATM	938	C13	MYS	7	18.011	31.265	27.090	1.00	0.00
C									
HETATM	939	H19	MYS	7	19.036	31.596	27.256	1.00	0.00
H									
HETATM	940	H20	MYS	7	17.358	32.137	27.109	1.00	0.00
H									
HETATM	941	C14	MYS	7	17.737	30.256	28.226	1.00	0.00
C									
HETATM	942	H21	MYS	7	16.690	29.972	28.330	1.00	0.00
H									
HETATM	943	H22	MYS	7	18.156	29.313	27.876	1.00	0.00
H									
HETATM	944	C15	MYS	7	18.206	30.666	29.615	1.00	0.00
C									
HETATM	945	H23	MYS	7	19.272	30.890	29.625	1.00	0.00
H									
HETATM	946	H24	MYS	7	17.717	31.600	29.892	1.00	0.00
H									
HETATM	947	C16	MYS	7	17.906	29.587	30.700	1.00	0.00
C									
HETATM	948	H25	MYS	7	16.826	29.448	30.650	1.00	0.00
H									
HETATM	949	H26	MYS	7	18.442	28.660	30.500	1.00	0.00
H									
HETATM	950	C17	MYS	7	18.349	30.045	32.088	1.00	0.00
C									
HETATM	951	H27	MYS	7	19.427	30.143	32.219	1.00	0.00
H									

HETATM	952	H28	MYS	7	17.725	30.906	32.329	1.00	0.00
H									
HETATM	953	C18	MYS	7	17.877	28.853	32.964	1.00	0.00
C									
HETATM	954	H29	MYS	7	16.805	28.849	32.763	1.00	0.00
H									
HETATM	955	H30	MYS	7	18.315	27.913	32.629	1.00	0.00
H									
HETATM	956	C19	MYS	7	18.273	28.928	34.456	1.00	0.00
C									
HETATM	957	H31	MYS	7	19.361	28.899	34.519	1.00	0.00
H									
HETATM	958	H32	MYS	7	17.744	28.164	35.025	1.00	0.00
H									
HETATM	959	C20	MYS	7	17.942	30.215	35.141	1.00	0.00
C									
HETATM	960	H33	MYS	7	18.440	31.051	34.651	1.00	0.00
H									
HETATM	961	H34	MYS	7	16.873	30.374	34.994	1.00	0.00
H									
HETATM	962	C21	MYS	7	18.268	30.065	36.642	1.00	0.00
C									
HETATM	963	H35	MYS	7	17.623	29.267	37.009	1.00	0.00
H									
HETATM	964	H36	MYS	7	19.315	29.765	36.683	1.00	0.00
H									
HETATM	965	C22	MYS	7	18.215	31.315	37.547	1.00	0.00
C									
HETATM	966	H37	MYS	7	19.021	32.000	37.284	1.00	0.00
H									
HETATM	967	H38	MYS	7	17.256	31.829	37.472	1.00	0.00
H									
HETATM	968	C23	MYS	7	18.477	31.014	38.986	1.00	0.00
C									
HETATM	969	H39	MYS	7	17.855	30.155	39.240	1.00	0.00
H									
HETATM	970	H40	MYS	7	19.512	30.686	39.078	1.00	0.00
H									
HETATM	971	C24	MYS	7	18.080	32.322	39.698	1.00	0.00
C									
HETATM	972	H41	MYS	7	16.994	32.383	39.773	1.00	0.00
H									
HETATM	973	H42	MYS	7	18.547	33.175	39.206	1.00	0.00
H									
HETATM	974	C25	MYS	7	18.683	32.202	41.117	1.00	0.00
C									
HETATM	975	H43	MYS	7	19.766	32.098	41.184	1.00	0.00
H									
HETATM	976	H44	MYS	7	18.490	33.181	41.558	1.00	0.00
H									
HETATM	977	H45	MYS	7	18.287	31.307	41.596	1.00	0.00
H									
HETATM	978	N3	MYS	7	20.676	34.492	13.684	1.00	0.00
N									
HETATM	979	H46	MYS	7	20.142	35.328	13.874	1.00	0.00
H									

HETATM	980	C26	MYS	7	21.014	34.174	12.334	1.00	0.00
C									
HETATM	981	H47	MYS	7	21.992	33.695	12.298	1.00	0.00
H									
HETATM	982	H48	MYS	7	20.966	35.073	11.719	1.00	0.00
H									
HETATM	983	C27	MYS	7	19.947	33.205	11.756	1.00	0.00
C									
HETATM	984	H49	MYS	7	19.023	33.784	11.749	1.00	0.00
H									
HETATM	985	H50	MYS	7	19.846	32.300	12.356	1.00	0.00
H									
HETATM	986	C28	MYS	7	20.229	32.865	10.248	1.00	0.00
C									
HETATM	987	H51	MYS	7	21.209	32.414	10.095	1.00	0.00
H									
HETATM	988	H52	MYS	7	20.367	33.842	9.784	1.00	0.00
H									
HETATM	989	C29	MYS	7	19.000	32.263	9.568	1.00	0.00
C									
HETATM	990	H53	MYS	7	18.149	32.838	9.932	1.00	0.00
H									
HETATM	991	H54	MYS	7	18.740	31.264	9.917	1.00	0.00
H									
HETATM	992	C30	MYS	7	19.183	32.438	8.004	1.00	0.00
C									
HETATM	993	H55	MYS	7	19.398	33.492	7.827	1.00	0.00
H									
HETATM	994	C31	MYS	7	20.409	31.687	7.414	1.00	0.00
C									
HETATM	995	O6	MYS	7	20.726	30.595	7.841	1.00	0.00
O									
HETATM	996	O7	MYS	7	21.039	32.310	6.475	1.00	0.00
O									
HETATM	997	C32	MYS	7	22.299	31.892	6.017	1.00	0.00
C									
HETATM	998	H56	MYS	7	22.417	30.808	6.018	1.00	0.00
H									
HETATM	999	H57	MYS	7	23.098	32.494	6.450	1.00	0.00
H									
HETATM	1000	C33	MYS	7	22.396	32.247	4.500	1.00	0.00
C									
HETATM	1001	H58	MYS	7	21.720	31.536	4.024	1.00	0.00
H									
HETATM	1002	H59	MYS	7	22.075	33.275	4.335	1.00	0.00
H									
HETATM	1003	H60	MYS	7	23.427	32.237	4.145	1.00	0.00
H									
HETATM	1004	N4	MYS	7	17.858	32.112	7.448	1.00	0.00
N									
HETATM	1005	H61	MYS	7	17.320	32.878	7.068	1.00	0.00
H									
HETATM	1006	C34	MYS	7	17.337	30.926	7.102	1.00	0.00
C									
HETATM	1007	O8	MYS	7	17.937	29.883	7.300	1.00	0.00
O									

HETATM	1008	C35	MYS	7	15.922	30.825	6.510	1.00	0.00
C									
HETATM	1009	H62	MYS	7	15.871	31.650	5.799	1.00	0.00
H									
HETATM	1010	H63	MYS	7	15.781	29.880	5.986	1.00	0.00
H									
HETATM	1011	C36	MYS	7	14.881	30.759	7.590	1.00	0.00
C									
HETATM	1012	H64	MYS	7	14.825	29.763	8.030	1.00	0.00
H									
HETATM	1013	H65	MYS	7	15.011	31.433	8.437	1.00	0.00
H									
HETATM	1014	C37	MYS	7	13.554	31.019	6.915	1.00	0.00
C									
HETATM	1015	H66	MYS	7	13.569	31.963	6.371	1.00	0.00
H									
HETATM	1016	H67	MYS	7	13.325	30.136	6.319	1.00	0.00
H									
HETATM	1017	C38	MYS	7	12.466	31.138	8.030	1.00	0.00
C									
HETATM	1018	H68	MYS	7	12.543	32.084	8.567	1.00	0.00
H									
HETATM	1019	H69	MYS	7	12.512	30.290	8.712	1.00	0.00
H									
HETATM	1020	C39	MYS	7	11.118	31.086	7.367	1.00	0.00
C									
HETATM	1021	H70	MYS	7	11.003	31.922	6.677	1.00	0.00
H									
HETATM	1022	H71	MYS	7	10.911	30.127	6.891	1.00	0.00
H									
HETATM	1023	C40	MYS	7	10.162	31.332	8.581	1.00	0.00
C									
HETATM	1024	H72	MYS	7	10.471	30.613	9.339	1.00	0.00
H									
HETATM	1025	H73	MYS	7	10.164	32.358	8.948	1.00	0.00
H									
HETATM	1026	C41	MYS	7	8.720	31.000	8.163	1.00	0.00
C									
HETATM	1027	H74	MYS	7	8.435	31.341	7.167	1.00	0.00
H									
HETATM	1028	H75	MYS	7	8.760	29.937	7.927	1.00	0.00
H									
HETATM	1029	C42	MYS	7	7.608	31.484	9.132	1.00	0.00
C									
HETATM	1030	H76	MYS	7	7.744	32.511	9.470	1.00	0.00
H									
HETATM	1031	H77	MYS	7	7.559	30.781	9.964	1.00	0.00
H									
HETATM	1032	C43	MYS	7	6.224	31.473	8.505	1.00	0.00
C									
HETATM	1033	H78	MYS	7	6.286	32.180	7.677	1.00	0.00
H									
HETATM	1034	H79	MYS	7	6.064	30.516	8.007	1.00	0.00
H									
HETATM	1035	C44	MYS	7	5.256	31.767	9.576	1.00	0.00
C									

HETATM	1036	H80	MYS	7	5.338	31.027	10.372	1.00	0.00
H									
HETATM	1037	H81	MYS	7	5.494	32.742	10.002	1.00	0.00
H									
HETATM	1038	C45	MYS	7	3.864	31.848	9.117	1.00	0.00
C									
HETATM	1039	H82	MYS	7	3.690	32.750	8.531	1.00	0.00
H									
HETATM	1040	H83	MYS	7	3.703	30.943	8.530	1.00	0.00
H									
HETATM	1041	C46	MYS	7	2.831	31.875	10.301	1.00	0.00
C									
HETATM	1042	H84	MYS	7	2.899	32.706	11.004	1.00	0.00
H									
HETATM	1043	H85	MYS	7	2.940	30.955	10.874	1.00	0.00
H									
HETATM	1044	C47	MYS	7	1.312	31.785	9.935	1.00	0.00
C									
HETATM	1045	H86	MYS	7	0.796	31.514	10.856	1.00	0.00
H									
HETATM	1046	H87	MYS	7	0.998	32.787	9.642	1.00	0.00
H									
HETATM	1047	C48	MYS	7	0.936	30.737	8.969	1.00	0.00
C									
HETATM	1048	H88	MYS	7	1.450	31.000	8.044	1.00	0.00
H									
HETATM	1049	H89	MYS	7	1.179	29.787	9.444	1.00	0.00
H									
HETATM	1050	H90	MYS	7	-0.133	30.685	8.762	1.00	0.00
H									
HETATM	1051	C1	MYS	8	16.598	37.150	14.236	1.00	0.00
C									
HETATM	1052	O1	MYS	8	15.506	37.560	13.966	1.00	0.00
O									
HETATM	1053	C2	MYS	8	17.841	37.179	13.223	1.00	0.00
C									
HETATM	1054	O2	MYS	8	18.981	36.768	13.604	1.00	0.00
O									
HETATM	1055	N1	MYS	8	16.943	36.666	15.413	1.00	0.00
N									
HETATM	1056	H1	MYS	8	17.903	36.399	15.579	1.00	0.00
H									
HETATM	1057	C3	MYS	8	16.000	36.601	16.581	1.00	0.00
C									
HETATM	1058	H2	MYS	8	15.705	35.569	16.767	1.00	0.00
H									
HETATM	1059	H3	MYS	8	15.138	37.190	16.266	1.00	0.00
H									
HETATM	1060	C4	MYS	8	16.722	37.163	17.790	1.00	0.00
C									
HETATM	1061	H4	MYS	8	16.947	38.213	17.604	1.00	0.00
H									
HETATM	1062	H5	MYS	8	17.690	36.661	17.793	1.00	0.00
H									
HETATM	1063	C5	MYS	8	15.906	36.989	19.051	1.00	0.00
C									

HETATM	1064	H6	MYS	8	14.875	37.274	18.842	1.00	0.00
H									
HETATM	1065	H7	MYS	8	16.501	37.575	19.752	1.00	0.00
H									
HETATM	1066	C6	MYS	8	15.864	35.531	19.554	1.00	0.00
C									
HETATM	1067	H8	MYS	8	16.803	35.211	20.006	1.00	0.00
H									
HETATM	1068	H9	MYS	8	15.520	34.890	18.742	1.00	0.00
H									
HETATM	1069	C7	MYS	8	14.839	35.307	20.704	1.00	0.00
C									
HETATM	1070	H10	MYS	8	15.174	35.928	21.535	1.00	0.00
H									
HETATM	1071	C8	MYS	8	13.378	35.657	20.382	1.00	0.00
C									
HETATM	1072	O3	MYS	8	13.035	35.783	19.203	1.00	0.00
O									
HETATM	1073	O4	MYS	8	12.532	35.618	21.369	1.00	0.00
O									
HETATM	1074	C9	MYS	8	11.119	35.765	21.181	1.00	0.00
C									
HETATM	1075	H11	MYS	8	10.623	35.137	21.921	1.00	0.00
H									
HETATM	1076	H12	MYS	8	10.757	35.521	20.182	1.00	0.00
H									
HETATM	1077	C10	MYS	8	10.669	37.213	21.521	1.00	0.00
C									
HETATM	1078	H13	MYS	8	9.630	37.417	21.263	1.00	0.00
H									
HETATM	1079	H14	MYS	8	10.848	37.405	22.579	1.00	0.00
H									
HETATM	1080	H15	MYS	8	11.365	37.824	20.947	1.00	0.00
H									
HETATM	1081	N2	MYS	8	14.955	33.947	21.282	1.00	0.00
N									
HETATM	1082	H16	MYS	8	15.424	33.806	22.165	1.00	0.00
H									
HETATM	1083	C11	MYS	8	14.345	32.806	20.815	1.00	0.00
C									
HETATM	1084	O5	MYS	8	13.697	32.867	19.774	1.00	0.00
O									
HETATM	1085	C12	MYS	8	14.453	31.563	21.532	1.00	0.00
C									
HETATM	1086	H17	MYS	8	14.356	31.820	22.587	1.00	0.00
H									
HETATM	1087	H18	MYS	8	13.611	30.915	21.292	1.00	0.00
H									
HETATM	1088	C13	MYS	8	15.724	30.788	21.153	1.00	0.00
C									
HETATM	1089	H19	MYS	8	15.704	30.472	20.110	1.00	0.00
H									
HETATM	1090	H20	MYS	8	16.618	31.377	21.359	1.00	0.00
H									
HETATM	1091	C14	MYS	8	15.585	29.467	22.093	1.00	0.00
C									

HETATM	1092	H21	MYS	8	15.170	29.716	23.069	1.00	0.00
H									
HETATM	1093	H22	MYS	8	14.768	28.811	21.794	1.00	0.00
H									
HETATM	1094	C15	MYS	8	16.926	28.662	22.163	1.00	0.00
C									
HETATM	1095	H23	MYS	8	17.063	27.906	21.390	1.00	0.00
H									
HETATM	1096	H24	MYS	8	17.749	29.352	21.979	1.00	0.00
H									
HETATM	1097	C16	MYS	8	17.119	27.911	23.478	1.00	0.00
C									
HETATM	1098	H25	MYS	8	16.888	28.515	24.356	1.00	0.00
H									
HETATM	1099	H26	MYS	8	16.391	27.101	23.432	1.00	0.00
H									
HETATM	1100	C17	MYS	8	18.552	27.250	23.654	1.00	0.00
C									
HETATM	1101	H27	MYS	8	18.852	26.723	22.748	1.00	0.00
H									
HETATM	1102	H28	MYS	8	19.254	28.082	23.725	1.00	0.00
H									
HETATM	1103	C18	MYS	8	18.603	26.155	24.735	1.00	0.00
C									
HETATM	1104	H29	MYS	8	17.803	25.462	24.476	1.00	0.00
H									
HETATM	1105	H30	MYS	8	19.486	25.526	24.623	1.00	0.00
H									
HETATM	1106	C19	MYS	8	18.338	26.775	26.170	1.00	0.00
C									
HETATM	1107	H31	MYS	8	17.286	27.062	26.192	1.00	0.00
H									
HETATM	1108	H32	MYS	8	19.069	27.581	26.226	1.00	0.00
H									
HETATM	1109	C20	MYS	8	18.707	25.681	27.207	1.00	0.00
C									
HETATM	1110	H33	MYS	8	17.950	24.901	27.288	1.00	0.00
H									
HETATM	1111	H34	MYS	8	19.662	25.234	26.933	1.00	0.00
H									
HETATM	1112	C21	MYS	8	18.783	26.338	28.587	1.00	0.00
C									
HETATM	1113	H35	MYS	8	19.499	27.156	28.504	1.00	0.00
H									
HETATM	1114	H36	MYS	8	17.779	26.711	28.788	1.00	0.00
H									
HETATM	1115	C22	MYS	8	19.215	25.327	29.703	1.00	0.00
C									
HETATM	1116	H37	MYS	8	18.566	24.452	29.658	1.00	0.00
H									
HETATM	1117	H38	MYS	8	20.250	25.032	29.531	1.00	0.00
H									
HETATM	1118	C23	MYS	8	19.083	25.979	31.056	1.00	0.00
C									
HETATM	1119	H39	MYS	8	19.703	26.873	30.993	1.00	0.00
H									

HETATM	1120	H40	MYS	8	18.052	26.269	31.263	1.00	0.00
H									
HETATM	1121	C24	MYS	8	19.797	25.030	32.045	1.00	0.00
C									
HETATM	1122	H41	MYS	8	20.873	25.108	31.886	1.00	0.00
H									
HETATM	1123	H42	MYS	8	19.339	24.049	31.918	1.00	0.00
H									
HETATM	1124	C25	MYS	8	19.743	25.450	33.520	1.00	0.00
C									
HETATM	1125	H43	MYS	8	19.841	24.578	34.166	1.00	0.00
H									
HETATM	1126	H44	MYS	8	20.479	26.250	33.598	1.00	0.00
H									
HETATM	1127	H45	MYS	8	18.774	25.906	33.722	1.00	0.00
H									
HETATM	1128	N3	MYS	8	17.618	37.621	11.921	1.00	0.00
N									
HETATM	1129	H46	MYS	8	16.693	37.951	11.685	1.00	0.00
H									
HETATM	1130	C26	MYS	8	18.620	37.751	10.880	1.00	0.00
C									
HETATM	1131	H47	MYS	8	19.572	37.803	11.408	1.00	0.00
H									
HETATM	1132	H48	MYS	8	18.475	38.718	10.397	1.00	0.00
H									
HETATM	1133	C27	MYS	8	18.680	36.540	9.920	1.00	0.00
C									
HETATM	1134	H49	MYS	8	18.709	35.600	10.470	1.00	0.00
H									
HETATM	1135	H50	MYS	8	19.510	36.745	9.243	1.00	0.00
H									
HETATM	1136	C28	MYS	8	17.447	36.665	8.911	1.00	0.00
C									
HETATM	1137	H51	MYS	8	17.523	37.668	8.490	1.00	0.00
H									
HETATM	1138	H52	MYS	8	16.490	36.604	9.428	1.00	0.00
H									
HETATM	1139	C29	MYS	8	17.560	35.545	7.876	1.00	0.00
C									
HETATM	1140	H53	MYS	8	17.192	34.605	8.288	1.00	0.00
H									
HETATM	1141	H54	MYS	8	18.575	35.263	7.594	1.00	0.00
H									
HETATM	1142	C30	MYS	8	16.847	35.998	6.588	1.00	0.00
C									
HETATM	1143	H55	MYS	8	17.190	37.027	6.481	1.00	0.00
H									
HETATM	1144	C31	MYS	8	17.296	35.191	5.400	1.00	0.00
C									
HETATM	1145	O6	MYS	8	17.460	34.009	5.381	1.00	0.00
O									
HETATM	1146	O7	MYS	8	17.546	35.950	4.347	1.00	0.00
O									
HETATM	1147	C32	MYS	8	18.085	35.400	3.171	1.00	0.00
C									

HETATM	1148	H56	MYS	8	18.758	34.548	3.263	1.00	0.00
H									
HETATM	1149	H57	MYS	8	18.529	36.215	2.600	1.00	0.00
H									
HETATM	1150	C33	MYS	8	16.978	34.798	2.249	1.00	0.00
C									
HETATM	1151	H58	MYS	8	16.320	35.570	1.850	1.00	0.00
H									
HETATM	1152	H59	MYS	8	17.394	34.218	1.425	1.00	0.00
H									
HETATM	1153	H60	MYS	8	16.339	34.127	2.822	1.00	0.00
H									
HETATM	1154	N4	MYS	8	15.403	36.035	6.707	1.00	0.00
N									
HETATM	1155	H61	MYS	8	14.947	36.904	6.467	1.00	0.00
H									
HETATM	1156	C34	MYS	8	14.602	34.959	6.761	1.00	0.00
C									
HETATM	1157	O8	MYS	8	15.035	33.886	6.976	1.00	0.00
O									
HETATM	1158	C35	MYS	8	13.115	35.187	6.620	1.00	0.00
C									
HETATM	1159	H62	MYS	8	12.875	36.135	6.138	1.00	0.00
H									
HETATM	1160	H63	MYS	8	12.688	34.245	6.275	1.00	0.00
H									
HETATM	1161	C36	MYS	8	12.539	35.348	7.996	1.00	0.00
C									
HETATM	1162	H64	MYS	8	12.643	34.361	8.446	1.00	0.00
H									
HETATM	1163	H65	MYS	8	13.236	35.986	8.539	1.00	0.00
H									
HETATM	1164	C37	MYS	8	11.096	35.948	7.850	1.00	0.00
C									
HETATM	1165	H66	MYS	8	11.213	36.875	7.289	1.00	0.00
H									
HETATM	1166	H67	MYS	8	10.504	35.221	7.293	1.00	0.00
H									
HETATM	1167	C38	MYS	8	10.323	36.167	9.128	1.00	0.00
C									
HETATM	1168	H68	MYS	8	10.741	37.021	9.660	1.00	0.00
H									
HETATM	1169	H69	MYS	8	10.352	35.302	9.792	1.00	0.00
H									
HETATM	1170	C39	MYS	8	8.895	36.498	8.760	1.00	0.00
C									
HETATM	1171	H70	MYS	8	8.913	37.529	8.407	1.00	0.00
H									
HETATM	1172	H71	MYS	8	8.643	35.842	7.927	1.00	0.00
H									
HETATM	1173	C40	MYS	8	7.790	36.356	9.730	1.00	0.00
C									
HETATM	1174	H72	MYS	8	7.922	35.353	10.137	1.00	0.00
H									
HETATM	1175	H73	MYS	8	7.864	37.136	10.488	1.00	0.00
H									

HETATM	1176	C41	MYS	8	6.379	36.568	9.127	1.00	0.00
C									
HETATM	1177	H74	MYS	8	6.174	37.513	8.623	1.00	0.00
H									
HETATM	1178	H75	MYS	8	6.373	35.679	8.496	1.00	0.00
H									
HETATM	1179	C42	MYS	8	5.319	36.433	10.298	1.00	0.00
C									
HETATM	1180	H76	MYS	8	5.395	37.307	10.944	1.00	0.00
H									
HETATM	1181	H77	MYS	8	5.297	35.443	10.754	1.00	0.00
H									
HETATM	1182	C43	MYS	8	3.955	36.570	9.594	1.00	0.00
C									
HETATM	1183	H78	MYS	8	3.775	37.589	9.253	1.00	0.00
H									
HETATM	1184	H79	MYS	8	3.888	35.932	8.712	1.00	0.00
H									
HETATM	1185	C44	MYS	8	2.765	36.071	10.492	1.00	0.00
C									
HETATM	1186	H80	MYS	8	1.808	36.414	10.099	1.00	0.00
H									
HETATM	1187	H81	MYS	8	2.830	34.983	10.535	1.00	0.00
H									
HETATM	1188	C45	MYS	8	2.898	36.673	11.926	1.00	0.00
C									
HETATM	1189	H82	MYS	8	3.733	36.339	12.543	1.00	0.00
H									
HETATM	1190	H83	MYS	8	2.907	37.749	11.754	1.00	0.00
H									
HETATM	1191	C46	MYS	8	1.662	36.141	12.749	1.00	0.00
C									
HETATM	1192	H84	MYS	8	1.682	35.055	12.668	1.00	0.00
H									
HETATM	1193	H85	MYS	8	0.728	36.449	12.277	1.00	0.00
H									
HETATM	1194	C47	MYS	8	1.586	36.541	14.173	1.00	0.00
C									
HETATM	1195	H86	MYS	8	0.729	36.024	14.605	1.00	0.00
H									
HETATM	1196	H87	MYS	8	2.525	36.369	14.699	1.00	0.00
H									
HETATM	1197	C48	MYS	8	1.310	38.058	14.153	1.00	0.00
C									
HETATM	1198	H88	MYS	8	1.184	38.339	15.199	1.00	0.00
H									
HETATM	1199	H89	MYS	8	2.239	38.532	13.838	1.00	0.00
H									
HETATM	1200	H90	MYS	8	0.431	38.255	13.539	1.00	0.00
H									
HETATM	1201	O1	PRP	9	21.686	22.429	45.096	1.00	0.00
O									
HETATM	1202	H1	PRP	9	21.440	21.505	45.016	1.00	0.00
H									
HETATM	1203	C1	PRP	9	20.832	23.175	45.986	1.00	0.00
C									

HETATM	1204	H2	PRP	9	19.818	23.274	45.600	1.00	0.00
H									
HETATM	1205	H3	PRP	9	20.862	22.771	46.998	1.00	0.00
H									
HETATM	1206	C2	PRP	9	21.303	24.593	46.119	1.00	0.00
C									
HETATM	1207	H4	PRP	9	20.720	25.186	46.824	1.00	0.00
H									
HETATM	1208	O2	PRP	9	21.597	25.197	44.824	1.00	0.00
O									
HETATM	1209	H5	PRP	9	21.792	24.465	44.234	1.00	0.00
H									
HETATM	1210	C3	PRP	9	22.670	24.728	46.818	1.00	0.00
C									
HETATM	1211	H6	PRP	9	23.421	24.241	46.196	1.00	0.00
H									
HETATM	1212	H7	PRP	9	22.775	25.813	46.821	1.00	0.00
H									
HETATM	1213	H8	PRP	9	22.608	24.359	47.841	1.00	0.00
H									
HETATM	1214	O1	PRP	10	12.549	28.989	43.006	1.00	0.00
O									
HETATM	1215	H1	PRP	10	13.220	29.653	43.179	1.00	0.00
H									
HETATM	1216	C1	PRP	10	12.460	28.786	41.596	1.00	0.00
C									
HETATM	1217	H2	PRP	10	11.869	27.892	41.396	1.00	0.00
H									
HETATM	1218	H3	PRP	10	12.061	29.654	41.070	1.00	0.00
H									
HETATM	1219	C2	PRP	10	13.904	28.519	41.082	1.00	0.00
C									
HETATM	1220	H4	PRP	10	14.427	27.769	41.675	1.00	0.00
H									
HETATM	1221	O2	PRP	10	14.669	29.727	41.157	1.00	0.00
O									
HETATM	1222	H5	PRP	10	15.544	29.465	40.861	1.00	0.00
H									
HETATM	1223	C3	PRP	10	13.842	28.039	39.592	1.00	0.00
C									
HETATM	1224	H6	PRP	10	13.336	27.080	39.706	1.00	0.00
H									
HETATM	1225	H7	PRP	10	13.213	28.615	38.913	1.00	0.00
H									
HETATM	1226	H8	PRP	10	14.789	27.988	39.054	1.00	0.00
H									
HETATM	1227	O1	PRP	11	8.103	20.074	52.849	1.00	0.00
O									
HETATM	1228	H1	PRP	11	8.344	19.746	53.719	1.00	0.00
H									
HETATM	1229	C1	PRP	11	8.294	19.097	51.859	1.00	0.00
C									
HETATM	1230	H2	PRP	11	7.793	18.137	51.985	1.00	0.00
H									
HETATM	1231	H3	PRP	11	7.972	19.587	50.941	1.00	0.00
H									

HETATM	1232	C2	PRP	11	9.798	18.916	51.770	1.00	0.00
C									
HETATM	1233	H4	PRP	11	10.182	18.754	52.777	1.00	0.00
H									
HETATM	1234	O2	PRP	11	10.374	20.070	51.172	1.00	0.00
O									
HETATM	1235	H5	PRP	11	9.717	20.746	51.353	1.00	0.00
H									
HETATM	1236	C3	PRP	11	10.165	17.662	50.943	1.00	0.00
C									
HETATM	1237	H6	PRP	11	9.695	16.772	51.362	1.00	0.00
H									
HETATM	1238	H7	PRP	11	9.863	17.663	49.895	1.00	0.00
H									
HETATM	1239	H8	PRP	11	11.239	17.491	51.017	1.00	0.00
H									
HETATM	1240	O1	PRP	12	37.197	20.970	62.429	1.00	0.00
O									
HETATM	1241	H1	PRP	12	36.786	20.110	62.543	1.00	0.00
H									
HETATM	1242	C1	PRP	12	36.979	21.806	63.580	1.00	0.00
C									
HETATM	1243	H2	PRP	12	37.052	22.782	63.099	1.00	0.00
H									
HETATM	1244	H3	PRP	12	35.929	21.770	63.873	1.00	0.00
H									
HETATM	1245	C2	PRP	12	37.829	21.628	64.834	1.00	0.00
C									
HETATM	1246	H4	PRP	12	38.874	21.633	64.524	1.00	0.00
H									
HETATM	1247	O2	PRP	12	37.457	20.471	65.557	1.00	0.00
O									
HETATM	1248	H5	PRP	12	38.197	20.193	66.102	1.00	0.00
H									
HETATM	1249	C3	PRP	12	37.550	22.766	65.807	1.00	0.00
C									
HETATM	1250	H6	PRP	12	36.607	22.644	66.339	1.00	0.00
H									
HETATM	1251	H7	PRP	12	38.324	22.671	66.568	1.00	0.00
H									
HETATM	1252	H8	PRP	12	37.477	23.758	65.363	1.00	0.00
H									
HETATM	1253	O1	PRP	13	29.635	9.920	50.555	1.00	0.00
O									
HETATM	1254	H1	PRP	13	29.465	9.136	51.082	1.00	0.00
H									
HETATM	1255	C1	PRP	13	29.326	9.639	49.230	1.00	0.00
C									
HETATM	1256	H2	PRP	13	29.657	10.442	48.572	1.00	0.00
H									
HETATM	1257	H3	PRP	13	29.699	8.638	49.010	1.00	0.00
H									
HETATM	1258	C2	PRP	13	27.811	9.694	49.188	1.00	0.00
C									
HETATM	1259	H4	PRP	13	27.430	10.568	49.716	1.00	0.00
H									

HETATM	1260	O2	PRP	13	27.233	8.613	49.803	1.00	0.00
O									
HETATM	1261	H5	PRP	13	26.571	9.066	50.331	1.00	0.00
H									
HETATM	1262	C3	PRP	13	27.258	9.764	47.740	1.00	0.00
C									
HETATM	1263	H6	PRP	13	27.700	9.007	47.092	1.00	0.00
H									
HETATM	1264	H7	PRP	13	26.199	9.507	47.764	1.00	0.00
H									
HETATM	1265	H8	PRP	13	27.361	10.760	47.309	1.00	0.00
H									
HETATM	1266	O1	PRP	14	17.634	35.530	47.309	1.00	0.00
O									
HETATM	1267	H1	PRP	14	17.198	36.293	46.922	1.00	0.00
H									
HETATM	1268	C1	PRP	14	18.058	34.659	46.218	1.00	0.00
C									
HETATM	1269	H2	PRP	14	18.782	33.936	46.592	1.00	0.00
H									
HETATM	1270	H3	PRP	14	17.198	34.148	45.786	1.00	0.00
H									
HETATM	1271	C2	PRP	14	18.792	35.432	45.119	1.00	0.00
C									
HETATM	1272	H4	PRP	14	19.513	36.062	45.641	1.00	0.00
H									
HETATM	1273	O2	PRP	14	17.881	36.258	44.411	1.00	0.00
O									
HETATM	1274	H5	PRP	14	17.260	35.723	43.910	1.00	0.00
H									
HETATM	1275	C3	PRP	14	19.519	34.493	44.082	1.00	0.00
C									
HETATM	1276	H6	PRP	14	18.729	33.865	43.669	1.00	0.00
H									
HETATM	1277	H7	PRP	14	19.946	35.097	43.281	1.00	0.00
H									
HETATM	1278	H8	PRP	14	20.342	33.916	44.503	1.00	0.00
H									
HETATM	1279	O1	PRP	15	17.919	32.507	48.809	1.00	0.00
O									
HETATM	1280	H1	PRP	15	17.855	33.432	48.559	1.00	0.00
H									
HETATM	1281	C1	PRP	15	17.497	32.426	50.211	1.00	0.00
C									
HETATM	1282	H2	PRP	15	17.552	31.372	50.482	1.00	0.00
H									
HETATM	1283	H3	PRP	15	18.162	32.989	50.866	1.00	0.00
H									
HETATM	1284	C2	PRP	15	16.067	32.912	50.406	1.00	0.00
C									
HETATM	1285	H4	PRP	15	15.785	32.913	51.459	1.00	0.00
H									
HETATM	1286	O2	PRP	15	15.344	31.852	49.766	1.00	0.00
O									
HETATM	1287	H5	PRP	15	14.398	32.011	49.807	1.00	0.00
H									

HETATM	1288	C3	PRP	15	15.732	34.177	49.673	1.00	0.00
C									
HETATM	1289	H6	PRP	15	16.233	34.981	50.213	1.00	0.00
H									
HETATM	1290	H7	PRP	15	15.931	34.088	48.606	1.00	0.00
H									
HETATM	1291	H8	PRP	15	14.696	34.513	49.731	1.00	0.00
H									
HETATM	1292	O1	PRP	16	15.375	43.579	43.902	1.00	0.00
O									
HETATM	1293	H1	PRP	16	15.974	43.155	43.284	1.00	0.00
H									
HETATM	1294	C1	PRP	16	14.223	43.136	43.343	1.00	0.00
C									
HETATM	1295	H2	PRP	16	14.109	43.824	42.505	1.00	0.00
H									
HETATM	1296	H3	PRP	16	14.329	42.129	42.939	1.00	0.00
H									
HETATM	1297	C2	PRP	16	13.072	43.270	44.281	1.00	0.00
C									
HETATM	1298	H4	PRP	16	13.101	44.301	44.635	1.00	0.00
H									
HETATM	1299	O2	PRP	16	13.295	42.450	45.334	1.00	0.00
O									
HETATM	1300	H5	PRP	16	14.228	42.237	45.415	1.00	0.00
H									
HETATM	1301	C3	PRP	16	11.785	42.905	43.537	1.00	0.00
C									
HETATM	1302	H6	PRP	16	11.786	43.330	42.533	1.00	0.00
H									
HETATM	1303	H7	PRP	16	11.777	41.824	43.401	1.00	0.00
H									
HETATM	1304	H8	PRP	16	10.954	43.164	44.193	1.00	0.00
H									
HETATM	1305	O1	PRP	17	3.070	34.776	48.637	1.00	0.00
O									
HETATM	1306	H1	PRP	17	2.485	35.334	49.155	1.00	0.00
H									
HETATM	1307	C1	PRP	17	3.110	33.556	49.402	1.00	0.00
C									
HETATM	1308	H2	PRP	17	2.293	32.890	49.125	1.00	0.00
H									
HETATM	1309	H3	PRP	17	4.094	33.132	49.201	1.00	0.00
H									
HETATM	1310	C2	PRP	17	2.904	33.719	50.874	1.00	0.00
C									
HETATM	1311	H4	PRP	17	3.163	32.828	51.447	1.00	0.00
H									
HETATM	1312	O2	PRP	17	1.500	33.958	51.137	1.00	0.00
O									
HETATM	1313	H5	PRP	17	1.213	33.598	51.980	1.00	0.00
H									
HETATM	1314	C3	PRP	17	3.582	34.903	51.501	1.00	0.00
C									
HETATM	1315	H6	PRP	17	3.278	35.050	52.538	1.00	0.00
H									

HETATM	1316	H7	PRP	17	4.658	34.800	51.362	1.00	0.00
H									
HETATM	1317	H8	PRP	17	3.253	35.765	50.920	1.00	0.00
H									
HETATM	1318	O1	PRP	18	11.920	28.286	50.112	1.00	0.00
O									
HETATM	1319	H1	PRP	18	11.185	27.914	50.606	1.00	0.00
H									
HETATM	1320	C1	PRP	18	13.275	28.015	50.531	1.00	0.00
C									
HETATM	1321	H2	PRP	18	13.944	28.345	49.736	1.00	0.00
H									
HETATM	1322	H3	PRP	18	13.412	28.703	51.365	1.00	0.00
H									
HETATM	1323	C2	PRP	18	13.559	26.536	50.818	1.00	0.00
C									
HETATM	1324	H4	PRP	18	14.575	26.434	51.200	1.00	0.00
H									
HETATM	1325	O2	PRP	18	13.404	25.787	49.656	1.00	0.00
O									
HETATM	1326	H5	PRP	18	12.829	26.225	49.024	1.00	0.00
H									
HETATM	1327	C3	PRP	18	12.586	25.820	51.801	1.00	0.00
C									
HETATM	1328	H6	PRP	18	13.152	24.999	52.241	1.00	0.00
H									
HETATM	1329	H7	PRP	18	12.173	26.474	52.569	1.00	0.00
H									
HETATM	1330	H8	PRP	18	11.644	25.516	51.345	1.00	0.00
H									
HETATM	1331	O1	PRP	19	16.088	47.876	51.721	1.00	0.00
O									
HETATM	1332	H1	PRP	19	15.888	47.354	50.941	1.00	0.00
H									
HETATM	1333	C1	PRP	19	17.211	47.324	52.361	1.00	0.00
C									
HETATM	1334	H2	PRP	19	17.463	47.931	53.230	1.00	0.00
H									
HETATM	1335	H3	PRP	19	16.855	46.349	52.694	1.00	0.00
H									
HETATM	1336	C2	PRP	19	18.430	47.014	51.440	1.00	0.00
C									
HETATM	1337	H4	PRP	19	18.748	47.948	50.976	1.00	0.00
H									
HETATM	1338	O2	PRP	19	18.034	46.180	50.341	1.00	0.00
O									
HETATM	1339	H5	PRP	19	18.698	46.282	49.655	1.00	0.00
H									
HETATM	1340	C3	PRP	19	19.558	46.337	52.094	1.00	0.00
C									
HETATM	1341	H6	PRP	19	19.960	47.023	52.839	1.00	0.00
H									
HETATM	1342	H7	PRP	19	19.169	45.528	52.713	1.00	0.00
H									
HETATM	1343	H8	PRP	19	20.414	46.035	51.492	1.00	0.00
H									

HETATM	1344	O1	PRP	20	17.987	35.761	51.948	1.00	0.00
O									
HETATM	1345	H1	PRP	20	18.628	35.730	51.234	1.00	0.00
H									
HETATM	1346	C1	PRP	20	18.119	37.089	52.486	1.00	0.00
C									
HETATM	1347	H2	PRP	20	19.109	37.172	52.934	1.00	0.00
H									
HETATM	1348	H3	PRP	20	17.989	37.828	51.695	1.00	0.00
H									
HETATM	1349	C2	PRP	20	17.235	37.413	53.702	1.00	0.00
C									
HETATM	1350	H4	PRP	20	17.528	36.817	54.567	1.00	0.00
H									
HETATM	1351	O2	PRP	20	15.873	37.350	53.342	1.00	0.00
O									
HETATM	1352	H5	PRP	20	15.692	36.604	52.767	1.00	0.00
H									
HETATM	1353	C3	PRP	20	17.565	38.833	54.245	1.00	0.00
C									
HETATM	1354	H6	PRP	20	18.602	38.881	54.578	1.00	0.00
H									
HETATM	1355	H7	PRP	20	17.266	39.448	53.397	1.00	0.00
H									
HETATM	1356	H8	PRP	20	16.995	38.895	55.172	1.00	0.00
H									
HETATM	1357	O1	PRP	21	7.642	41.152	46.234	1.00	0.00
O									
HETATM	1358	H1	PRP	21	8.188	40.689	45.595	1.00	0.00
H									
HETATM	1359	C1	PRP	21	7.212	42.355	45.495	1.00	0.00
C									
HETATM	1360	H2	PRP	21	7.012	43.238	46.102	1.00	0.00
H									
HETATM	1361	H3	PRP	21	8.050	42.731	44.909	1.00	0.00
H									
HETATM	1362	C2	PRP	21	5.938	42.092	44.724	1.00	0.00
C									
HETATM	1363	H4	PRP	21	5.173	41.926	45.483	1.00	0.00
H									
HETATM	1364	O2	PRP	21	5.952	40.976	43.915	1.00	0.00
O									
HETATM	1365	H5	PRP	21	5.965	40.192	44.470	1.00	0.00
H									
HETATM	1366	C3	PRP	21	5.515	43.317	43.923	1.00	0.00
C									
HETATM	1367	H6	PRP	21	6.357	43.440	43.241	1.00	0.00
H									
HETATM	1368	H7	PRP	21	4.553	43.111	43.454	1.00	0.00
H									
HETATM	1369	H8	PRP	21	5.431	44.172	44.593	1.00	0.00
H									
HETATM	1370	O1	PRP	22	21.527	23.144	51.186	1.00	0.00
O									
HETATM	1371	H1	PRP	22	21.510	23.468	50.282	1.00	0.00
H									

HETATM	1372	C1	PRP	22	20.181	22.837	51.640	1.00	0.00
C									
HETATM	1373	H2	PRP	22	20.163	21.845	52.090	1.00	0.00
H									
HETATM	1374	H3	PRP	22	19.816	23.501	52.424	1.00	0.00
H									
HETATM	1375	C2	PRP	22	19.202	23.054	50.500	1.00	0.00
C									
HETATM	1376	H4	PRP	22	19.638	22.504	49.666	1.00	0.00
H									
HETATM	1377	O2	PRP	22	19.072	24.462	50.091	1.00	0.00
O									
HETATM	1378	H5	PRP	22	18.468	24.430	49.346	1.00	0.00
H									
HETATM	1379	C3	PRP	22	17.821	22.485	50.786	1.00	0.00
C									
HETATM	1380	H6	PRP	22	17.295	22.989	51.597	1.00	0.00
H									
HETATM	1381	H7	PRP	22	17.219	22.582	49.883	1.00	0.00
H									
HETATM	1382	H8	PRP	22	18.002	21.438	51.028	1.00	0.00
H									
HETATM	1383	O1	PRP	23	26.080	23.547	47.389	1.00	0.00
O									
HETATM	1384	H1	PRP	23	25.299	23.016	47.221	1.00	0.00
H									
HETATM	1385	C1	PRP	23	27.025	23.318	46.357	1.00	0.00
C									
HETATM	1386	H2	PRP	23	26.541	23.327	45.380	1.00	0.00
H									
HETATM	1387	H3	PRP	23	27.925	23.902	46.551	1.00	0.00
H									
HETATM	1388	C2	PRP	23	27.420	21.838	46.415	1.00	0.00
C									
HETATM	1389	H4	PRP	23	26.647	21.126	46.125	1.00	0.00
H									
HETATM	1390	O2	PRP	23	27.808	21.620	47.687	1.00	0.00
O									
HETATM	1391	H5	PRP	23	27.383	22.329	48.174	1.00	0.00
H									
HETATM	1392	C3	PRP	23	28.581	21.611	45.426	1.00	0.00
C									
HETATM	1393	H6	PRP	23	29.310	22.418	45.358	1.00	0.00
H									
HETATM	1394	H7	PRP	23	29.131	20.713	45.706	1.00	0.00
H									
HETATM	1395	H8	PRP	23	28.185	21.390	44.435	1.00	0.00
H									
HETATM	1396	O1	PRP	24	34.593	18.010	59.677	1.00	0.00
O									
HETATM	1397	H1	PRP	24	34.957	18.899	59.685	1.00	0.00
H									
HETATM	1398	C1	PRP	24	35.362	17.226	58.862	1.00	0.00
C									
HETATM	1399	H2	PRP	24	35.389	17.628	57.849	1.00	0.00
H									

HETATM	1400	H3	PRP	24	36.326	17.315	59.362	1.00	0.00
H									
HETATM	1401	C2	PRP	24	34.929	15.739	58.946	1.00	0.00
C									
HETATM	1402	H4	PRP	24	35.717	15.241	58.380	1.00	0.00
H									
HETATM	1403	O2	PRP	24	33.738	15.490	58.273	1.00	0.00
O									
HETATM	1404	H5	PRP	24	33.020	15.987	58.673	1.00	0.00
H									
HETATM	1405	C3	PRP	24	34.819	15.215	60.392	1.00	0.00
C									
HETATM	1406	H6	PRP	24	35.235	14.208	60.347	1.00	0.00
H									
HETATM	1407	H7	PRP	24	35.601	15.756	60.927	1.00	0.00
H									
HETATM	1408	H8	PRP	24	33.849	15.291	60.884	1.00	0.00
H									
HETATM	1409	O1	PRP	25	32.748	32.264	36.311	1.00	0.00
O									
HETATM	1410	H1	PRP	25	32.755	31.601	35.617	1.00	0.00
H									
HETATM	1411	C1	PRP	25	32.654	31.646	37.526	1.00	0.00
C									
HETATM	1412	H2	PRP	25	31.688	31.753	38.020	1.00	0.00
H									
HETATM	1413	H3	PRP	25	32.677	30.565	37.388	1.00	0.00
H									
HETATM	1414	C2	PRP	25	33.822	32.007	38.462	1.00	0.00
C									
HETATM	1415	H4	PRP	25	34.075	33.064	38.376	1.00	0.00
H									
HETATM	1416	O2	PRP	25	34.974	31.222	38.034	1.00	0.00
O									
HETATM	1417	H5	PRP	25	35.512	31.697	37.397	1.00	0.00
H									
HETATM	1418	C3	PRP	25	33.455	31.800	39.890	1.00	0.00
C									
HETATM	1419	H6	PRP	25	32.486	32.266	40.070	1.00	0.00
H									
HETATM	1420	H7	PRP	25	33.471	30.726	40.075	1.00	0.00
H									
HETATM	1421	H8	PRP	25	34.184	32.322	40.511	1.00	0.00
H									
HETATM	1422	O1	PRP	26	15.436	37.776	58.857	1.00	0.00
O									
HETATM	1423	H1	PRP	26	15.947	38.156	59.575	1.00	0.00
H									
HETATM	1424	C1	PRP	26	15.435	36.417	58.943	1.00	0.00
C									
HETATM	1425	H2	PRP	26	16.459	36.059	59.051	1.00	0.00
H									
HETATM	1426	H3	PRP	26	14.855	36.038	59.785	1.00	0.00
H									
HETATM	1427	C2	PRP	26	14.980	35.813	57.618	1.00	0.00
C									

HETATM	1428	H4	PRP	26	15.603	36.338	56.894	1.00	0.00
H									
HETATM	1429	O2	PRP	26	13.601	36.062	57.425	1.00	0.00
O									
HETATM	1430	H5	PRP	26	13.559	37.020	57.371	1.00	0.00
H									
HETATM	1431	C3	PRP	26	15.137	34.299	57.627	1.00	0.00
C									
HETATM	1432	H6	PRP	26	15.567	33.923	56.699	1.00	0.00
H									
HETATM	1433	H7	PRP	26	15.882	33.980	58.357	1.00	0.00
H									
HETATM	1434	H8	PRP	26	14.233	33.734	57.857	1.00	0.00
H									
HETATM	1435	O1	PRP	27	38.364	35.736	42.873	1.00	0.00
O									
HETATM	1436	H1	PRP	27	38.848	34.954	43.147	1.00	0.00
H									
HETATM	1437	C1	PRP	27	37.255	35.842	43.711	1.00	0.00
C									
HETATM	1438	H2	PRP	27	36.909	34.847	43.989	1.00	0.00
H									
HETATM	1439	H3	PRP	27	37.570	36.496	44.524	1.00	0.00
H									
HETATM	1440	C2	PRP	27	36.130	36.704	42.937	1.00	0.00
C									
HETATM	1441	H4	PRP	27	35.791	35.972	42.204	1.00	0.00
H									
HETATM	1442	O2	PRP	27	36.831	37.853	42.523	1.00	0.00
O									
HETATM	1443	H5	PRP	27	37.544	37.398	42.068	1.00	0.00
H									
HETATM	1444	C3	PRP	27	34.889	37.102	43.828	1.00	0.00
C									
HETATM	1445	H6	PRP	27	35.148	37.564	44.781	1.00	0.00
H									
HETATM	1446	H7	PRP	27	34.297	37.820	43.261	1.00	0.00
H									
HETATM	1447	H8	PRP	27	34.273	36.212	43.959	1.00	0.00
H									
HETATM	1448	O1	PRP	28	25.906	39.191	43.038	1.00	0.00
O									
HETATM	1449	H1	PRP	28	25.022	39.501	42.831	1.00	0.00
H									
HETATM	1450	C1	PRP	28	26.748	39.987	42.293	1.00	0.00
C									
HETATM	1451	H2	PRP	28	27.229	39.377	41.528	1.00	0.00
H									
HETATM	1452	H3	PRP	28	26.268	40.713	41.637	1.00	0.00
H									
HETATM	1453	C2	PRP	28	27.862	40.655	43.134	1.00	0.00
C									
HETATM	1454	H4	PRP	28	28.261	39.840	43.737	1.00	0.00
H									
HETATM	1455	O2	PRP	28	27.217	41.498	44.089	1.00	0.00
O									

HETATM	1456	H5	PRP	28	26.798	41.066	44.837	1.00	0.00
H									
HETATM	1457	C3	PRP	28	28.917	41.456	42.321	1.00	0.00
C									
HETATM	1458	H6	PRP	28	29.458	42.180	42.930	1.00	0.00
H									
HETATM	1459	H7	PRP	28	29.717	40.931	41.798	1.00	0.00
H									
HETATM	1460	H8	PRP	28	28.444	42.007	41.508	1.00	0.00
H									
HETATM	1461	O1	PRP	29	20.597	11.833	51.354	1.00	0.00
O									
HETATM	1462	H1	PRP	29	19.886	11.189	51.302	1.00	0.00
H									
HETATM	1463	C1	PRP	29	20.118	13.064	51.045	1.00	0.00
C									
HETATM	1464	H2	PRP	29	19.597	13.409	51.939	1.00	0.00
H									
HETATM	1465	H3	PRP	29	20.900	13.813	50.922	1.00	0.00
H									
HETATM	1466	C2	PRP	29	19.460	13.093	49.630	1.00	0.00
C									
HETATM	1467	H4	PRP	29	18.556	12.485	49.667	1.00	0.00
H									
HETATM	1468	O2	PRP	29	20.352	12.622	48.577	1.00	0.00
O									
HETATM	1469	H5	PRP	29	21.245	12.975	48.586	1.00	0.00
H									
HETATM	1470	C3	PRP	29	19.037	14.462	49.267	1.00	0.00
C									
HETATM	1471	H6	PRP	29	18.412	14.459	48.374	1.00	0.00
H									
HETATM	1472	H7	PRP	29	18.437	14.837	50.096	1.00	0.00
H									
HETATM	1473	H8	PRP	29	19.942	15.047	49.103	1.00	0.00
H									
HETATM	1474	O1	PRP	30	12.579	13.305	50.923	1.00	0.00
O									
HETATM	1475	H1	PRP	30	13.254	13.479	50.263	1.00	0.00
H									
HETATM	1476	C1	PRP	30	12.565	14.507	51.700	1.00	0.00
C									
HETATM	1477	H2	PRP	30	12.157	15.238	51.002	1.00	0.00
H									
HETATM	1478	H3	PRP	30	11.904	14.327	52.548	1.00	0.00
H									
HETATM	1479	C2	PRP	30	13.965	14.855	52.316	1.00	0.00
C									
HETATM	1480	H4	PRP	30	13.880	15.806	52.842	1.00	0.00
H									
HETATM	1481	O2	PRP	30	14.940	15.048	51.317	1.00	0.00
O									
HETATM	1482	H5	PRP	30	14.577	15.682	50.695	1.00	0.00
H									
HETATM	1483	C3	PRP	30	14.428	13.767	53.323	1.00	0.00
C									

HETATM	1484	H6	PRP	30	14.695	12.849	52.799	1.00	0.00
H									
HETATM	1485	H7	PRP	30	15.290	14.092	53.905	1.00	0.00
H									
HETATM	1486	H8	PRP	30	13.682	13.435	54.045	1.00	0.00
H									
HETATM	1487	O1	PRP	31	14.985	15.797	43.736	1.00	0.00
O									
HETATM	1488	H1	PRP	31	14.964	16.715	43.458	1.00	0.00
H									
HETATM	1489	C1	PRP	31	15.480	15.069	42.665	1.00	0.00
C									
HETATM	1490	H2	PRP	31	15.947	14.147	43.013	1.00	0.00
H									
HETATM	1491	H3	PRP	31	14.601	14.897	42.046	1.00	0.00
H									
HETATM	1492	C2	PRP	31	16.480	15.953	41.962	1.00	0.00
C									
HETATM	1493	H4	PRP	31	17.357	15.963	42.609	1.00	0.00
H									
HETATM	1494	O2	PRP	31	16.044	17.296	41.764	1.00	0.00
O									
HETATM	1495	H5	PRP	31	16.626	17.694	41.113	1.00	0.00
H									
HETATM	1496	C3	PRP	31	16.897	15.317	40.574	1.00	0.00
C									
HETATM	1497	H6	PRP	31	17.973	15.149	40.630	1.00	0.00
H									
HETATM	1498	H7	PRP	31	16.247	14.448	40.473	1.00	0.00
H									
HETATM	1499	H8	PRP	31	16.602	15.910	39.709	1.00	0.00
H									
HETATM	1500	O1	PRP	32	22.542	-9.552	40.180	1.00	0.00
O									
HETATM	1501	H1	PRP	32	21.854	-9.016	40.581	1.00	0.00
H									
HETATM	1502	C1	PRP	32	23.654	-8.752	40.023	1.00	0.00
C									
HETATM	1503	H2	PRP	32	23.649	-7.965	40.777	1.00	0.00
H									
HETATM	1504	H3	PRP	32	24.597	-9.237	40.278	1.00	0.00
H									
HETATM	1505	C2	PRP	32	23.697	-8.237	38.607	1.00	0.00
C									
HETATM	1506	H4	PRP	32	22.778	-7.686	38.406	1.00	0.00
H									
HETATM	1507	O2	PRP	32	23.952	-9.175	37.573	1.00	0.00
O									
HETATM	1508	H5	PRP	32	23.644	-10.070	37.733	1.00	0.00
H									
HETATM	1509	C3	PRP	32	24.765	-7.240	38.462	1.00	0.00
C									
HETATM	1510	H6	PRP	32	25.758	-7.678	38.362	1.00	0.00
H									
HETATM	1511	H7	PRP	32	24.583	-6.549	37.639	1.00	0.00
H									

HETATM	1512	H8	PRP	32	24.693	-6.499	39.259	1.00	0.00
H									
HETATM	1513	O1	PRP	33	20.358	7.987	58.645	1.00	0.00
O									
HETATM	1514	H1	PRP	33	19.862	7.185	58.464	1.00	0.00
H									
HETATM	1515	C1	PRP	33	21.709	7.798	58.218	1.00	0.00
C									
HETATM	1516	H2	PRP	33	22.346	7.654	59.091	1.00	0.00
H									
HETATM	1517	H3	PRP	33	21.630	6.901	57.605	1.00	0.00
H									
HETATM	1518	C2	PRP	33	22.127	9.119	57.554	1.00	0.00
C									
HETATM	1519	H4	PRP	33	21.952	9.852	58.342	1.00	0.00
H									
HETATM	1520	O2	PRP	33	21.210	9.235	56.492	1.00	0.00
O									
HETATM	1521	H5	PRP	33	20.326	9.002	56.784	1.00	0.00
H									
HETATM	1522	C3	PRP	33	23.574	9.052	57.110	1.00	0.00
C									
HETATM	1523	H6	PRP	33	23.942	9.960	56.633	1.00	0.00
H									
HETATM	1524	H7	PRP	33	24.227	8.887	57.967	1.00	0.00
H									
HETATM	1525	H8	PRP	33	23.522	8.360	56.269	1.00	0.00
H									
HETATM	1526	O1	PRP	34	27.540	4.748	39.108	1.00	0.00
O									
HETATM	1527	H1	PRP	34	27.571	4.279	38.271	1.00	0.00
H									
HETATM	1528	C1	PRP	34	28.529	4.294	40.031	1.00	0.00
C									
HETATM	1529	H2	PRP	34	28.197	3.325	40.404	1.00	0.00
H									
HETATM	1530	H3	PRP	34	29.522	4.174	39.597	1.00	0.00
H									
HETATM	1531	C2	PRP	34	28.596	5.107	41.345	1.00	0.00
C									
HETATM	1532	H4	PRP	34	29.136	4.400	41.975	1.00	0.00
H									
HETATM	1533	O2	PRP	34	27.310	5.346	41.846	1.00	0.00
O									
HETATM	1534	H5	PRP	34	26.829	5.885	41.215	1.00	0.00
H									
HETATM	1535	C3	PRP	34	29.329	6.411	41.280	1.00	0.00
C									
HETATM	1536	H6	PRP	34	29.867	6.683	42.188	1.00	0.00
H									
HETATM	1537	H7	PRP	34	30.123	6.263	40.548	1.00	0.00
H									
HETATM	1538	H8	PRP	34	28.603	7.170	40.988	1.00	0.00
H									
HETATM	1539	O1	PRP	35	35.496	16.708	53.907	1.00	0.00
O									

HETATM	1540	H1	PRP	35	34.755	16.429	54.450	1.00	0.00
H									
HETATM	1541	C1	PRP	35	36.473	17.283	54.842	1.00	0.00
C									
HETATM	1542	H2	PRP	35	35.985	17.262	55.817	1.00	0.00
H									
HETATM	1543	H3	PRP	35	37.371	16.671	54.751	1.00	0.00
H									
HETATM	1544	C2	PRP	35	36.752	18.804	54.656	1.00	0.00
C									
HETATM	1545	H4	PRP	35	37.682	18.986	55.194	1.00	0.00
H									
HETATM	1546	O2	PRP	35	35.608	19.551	55.102	1.00	0.00
O									
HETATM	1547	H5	PRP	35	34.781	19.395	54.640	1.00	0.00
H									
HETATM	1548	C3	PRP	35	37.037	19.178	53.181	1.00	0.00
C									
HETATM	1549	H6	PRP	35	36.139	19.137	52.565	1.00	0.00
H									
HETATM	1550	H7	PRP	35	37.267	20.242	53.121	1.00	0.00
H									
HETATM	1551	H8	PRP	35	37.764	18.448	52.824	1.00	0.00
H									
HETATM	1552	O1	PRP	36	28.263	22.436	58.126	1.00	0.00
O									
HETATM	1553	H1	PRP	36	28.647	22.181	57.284	1.00	0.00
H									
HETATM	1554	C1	PRP	36	26.847	22.363	57.991	1.00	0.00
C									
HETATM	1555	H2	PRP	36	26.417	23.274	57.577	1.00	0.00
H									
HETATM	1556	H3	PRP	36	26.626	21.458	57.425	1.00	0.00
H									
HETATM	1557	C2	PRP	36	26.066	22.307	59.289	1.00	0.00
C									
HETATM	1558	H4	PRP	36	25.023	22.418	58.994	1.00	0.00
H									
HETATM	1559	O2	PRP	36	26.690	23.097	60.226	1.00	0.00
O									
HETATM	1560	H5	PRP	36	27.592	23.106	59.899	1.00	0.00
H									
HETATM	1561	C3	PRP	36	26.276	20.922	59.828	1.00	0.00
C									
HETATM	1562	H6	PRP	36	27.329	20.679	59.685	1.00	0.00
H									
HETATM	1563	H7	PRP	36	26.083	20.782	60.891	1.00	0.00
H									
HETATM	1564	H8	PRP	36	25.798	20.228	59.137	1.00	0.00
H									
HETATM	1565	O1	PRP	37	22.256	18.068	37.183	1.00	0.00
O									
HETATM	1566	H1	PRP	37	21.454	18.482	37.510	1.00	0.00
H									
HETATM	1567	C1	PRP	37	23.391	18.238	38.066	1.00	0.00
C									

HETATM	1568	H2	PRP	37	23.342	19.266	38.426	1.00	0.00
H									
HETATM	1569	H3	PRP	37	23.343	17.570	38.926	1.00	0.00
H									
HETATM	1570	C2	PRP	37	24.739	18.100	37.346	1.00	0.00
C									
HETATM	1571	H4	PRP	37	24.625	18.720	36.457	1.00	0.00
H									
HETATM	1572	O2	PRP	37	25.005	16.784	36.946	1.00	0.00
O									
HETATM	1573	H5	PRP	37	24.154	16.382	36.756	1.00	0.00
H									
HETATM	1574	C3	PRP	37	25.871	18.679	38.236	1.00	0.00
C									
HETATM	1575	H6	PRP	37	26.007	19.724	37.959	1.00	0.00
H									
HETATM	1576	H7	PRP	37	25.579	18.489	39.269	1.00	0.00
H									
HETATM	1577	H8	PRP	37	26.891	18.295	38.216	1.00	0.00
H									
HETATM	1578	O1	PRP	38	10.721	-4.642	32.747	1.00	0.00
O									
HETATM	1579	H1	PRP	38	10.527	-3.852	32.237	1.00	0.00
H									
HETATM	1580	C1	PRP	38	9.675	-5.558	32.533	1.00	0.00
C									
HETATM	1581	H2	PRP	38	9.014	-5.438	33.391	1.00	0.00
H									
HETATM	1582	H3	PRP	38	9.172	-5.405	31.577	1.00	0.00
H									
HETATM	1583	C2	PRP	38	10.304	-6.945	32.539	1.00	0.00
C									
HETATM	1584	H4	PRP	38	10.999	-6.944	33.378	1.00	0.00
H									
HETATM	1585	O2	PRP	38	11.017	-7.102	31.320	1.00	0.00
O									
HETATM	1586	H5	PRP	38	11.854	-7.455	31.630	1.00	0.00
H									
HETATM	1587	C3	PRP	38	9.176	-8.006	32.826	1.00	0.00
C									
HETATM	1588	H6	PRP	38	9.512	-9.042	32.794	1.00	0.00
H									
HETATM	1589	H7	PRP	38	8.908	-7.816	33.866	1.00	0.00
H									
HETATM	1590	H8	PRP	38	8.271	-7.805	32.253	1.00	0.00
H									
HETATM	1591	O1	PRP	39	16.860	5.504	48.698	1.00	0.00
O									
HETATM	1592	H1	PRP	39	16.750	4.569	48.511	1.00	0.00
H									
HETATM	1593	C1	PRP	39	17.177	6.212	47.543	1.00	0.00
C									
HETATM	1594	H2	PRP	39	16.475	6.156	46.711	1.00	0.00
H									
HETATM	1595	H3	PRP	39	17.214	7.208	47.984	1.00	0.00
H									

HETATM	1596	C2	PRP	39	18.619	5.833	47.080	1.00	0.00
C									
HETATM	1597	H4	PRP	39	18.640	4.811	46.700	1.00	0.00
H									
HETATM	1598	O2	PRP	39	19.519	5.956	48.185	1.00	0.00
O									
HETATM	1599	H5	PRP	39	20.392	5.721	47.862	1.00	0.00
H									
HETATM	1600	C3	PRP	39	19.119	6.585	45.834	1.00	0.00
C									
HETATM	1601	H6	PRP	39	18.587	6.107	45.011	1.00	0.00
H									
HETATM	1602	H7	PRP	39	18.962	7.662	45.887	1.00	0.00
H									
HETATM	1603	H8	PRP	39	20.180	6.413	45.654	1.00	0.00
H									
HETATM	1604	O1	PRP	40	11.997	6.469	51.921	1.00	0.00
O									
HETATM	1605	H1	PRP	40	12.379	6.660	52.781	1.00	0.00
H									
HETATM	1606	C1	PRP	40	12.780	7.159	50.974	1.00	0.00
C									
HETATM	1607	H2	PRP	40	13.790	6.776	50.831	1.00	0.00
H									
HETATM	1608	H3	PRP	40	12.292	7.108	50.000	1.00	0.00
H									
HETATM	1609	C2	PRP	40	13.020	8.644	51.381	1.00	0.00
C									
HETATM	1610	H4	PRP	40	13.523	9.255	50.632	1.00	0.00
H									
HETATM	1611	O2	PRP	40	13.636	8.684	52.681	1.00	0.00
O									
HETATM	1612	H5	PRP	40	14.121	9.498	52.839	1.00	0.00
H									
HETATM	1613	C3	PRP	40	11.704	9.430	51.567	1.00	0.00
C									
HETATM	1614	H6	PRP	40	10.833	8.847	51.864	1.00	0.00
H									
HETATM	1615	H7	PRP	40	11.871	10.236	52.282	1.00	0.00
H									
HETATM	1616	H8	PRP	40	11.392	9.979	50.678	1.00	0.00
H									
HETATM	1617	O1	PRP	41	11.378	-5.951	41.292	1.00	0.00
O									
HETATM	1618	H1	PRP	41	12.242	-5.883	40.880	1.00	0.00
H									
HETATM	1619	C1	PRP	41	11.297	-4.779	42.115	1.00	0.00
C									
HETATM	1620	H2	PRP	41	10.275	-4.666	42.477	1.00	0.00
H									
HETATM	1621	H3	PRP	41	12.040	-4.822	42.911	1.00	0.00
H									
HETATM	1622	C2	PRP	41	11.574	-3.552	41.229	1.00	0.00
C									
HETATM	1623	H4	PRP	41	10.895	-3.538	40.376	1.00	0.00
H									

HETATM	1624	O2	PRP	41	12.897	-3.564	40.783	1.00	0.00
O									
HETATM	1625	H5	PRP	41	13.500	-3.327	41.491	1.00	0.00
H									
HETATM	1626	C3	PRP	41	11.454	-2.200	42.021	1.00	0.00
C									
HETATM	1627	H6	PRP	41	11.451	-1.335	41.358	1.00	0.00
H									
HETATM	1628	H7	PRP	41	10.599	-2.096	42.689	1.00	0.00
H									
HETATM	1629	H8	PRP	41	12.348	-2.003	42.612	1.00	0.00
H									
HETATM	1630	O1	PRP	42	34.124	1.798	37.809	1.00	0.00
O									
HETATM	1631	H1	PRP	42	34.104	1.575	38.743	1.00	0.00
H									
HETATM	1632	C1	PRP	42	34.705	0.774	37.112	1.00	0.00
C									
HETATM	1633	H2	PRP	42	35.623	1.184	36.690	1.00	0.00
H									
HETATM	1634	H3	PRP	42	34.829	-0.061	37.801	1.00	0.00
H									
HETATM	1635	C2	PRP	42	33.775	0.320	35.977	1.00	0.00
C									
HETATM	1636	H4	PRP	42	33.459	1.187	35.398	1.00	0.00
H									
HETATM	1637	O2	PRP	42	32.674	-0.472	36.506	1.00	0.00
O									
HETATM	1638	H5	PRP	42	32.126	0.143	36.999	1.00	0.00
H									
HETATM	1639	C3	PRP	42	34.553	-0.535	34.952	1.00	0.00
C									
HETATM	1640	H6	PRP	42	33.891	-0.764	34.117	1.00	0.00
H									
HETATM	1641	H7	PRP	42	35.467	-0.024	34.650	1.00	0.00
H									
HETATM	1642	H8	PRP	42	34.842	-1.536	35.272	1.00	0.00
H									
HETATM	1643	O1	PRP	43	18.717	4.094	40.802	1.00	0.00
O									
HETATM	1644	H1	PRP	43	19.559	3.907	40.382	1.00	0.00
H									
HETATM	1645	C1	PRP	43	18.492	3.250	41.933	1.00	0.00
C									
HETATM	1646	H2	PRP	43	17.604	3.582	42.471	1.00	0.00
H									
HETATM	1647	H3	PRP	43	18.452	2.206	41.620	1.00	0.00
H									
HETATM	1648	C2	PRP	43	19.686	3.306	42.887	1.00	0.00
C									
HETATM	1649	H4	PRP	43	19.833	4.372	43.062	1.00	0.00
H									
HETATM	1650	O2	PRP	43	20.887	2.729	42.315	1.00	0.00
O									
HETATM	1651	H5	PRP	43	21.450	3.496	42.188	1.00	0.00
H									

HETATM	1652	C3	PRP	43	19.342	2.536	44.146	1.00	0.00
C									
HETATM	1653	H6	PRP	43	18.969	1.532	43.944	1.00	0.00
H									
HETATM	1654	H7	PRP	43	20.228	2.427	44.771	1.00	0.00
H									
HETATM	1655	H8	PRP	43	18.511	3.062	44.615	1.00	0.00
H									
HETATM	1656	O1	PRP	44	51.207	4.109	37.725	1.00	0.00
O									
HETATM	1657	H1	PRP	44	51.859	4.323	37.053	1.00	0.00
H									
HETATM	1658	C1	PRP	44	51.771	4.542	38.913	1.00	0.00
C									
HETATM	1659	H2	PRP	44	51.131	4.443	39.790	1.00	0.00
H									
HETATM	1660	H3	PRP	44	52.666	3.935	39.051	1.00	0.00
H									
HETATM	1661	C2	PRP	44	52.136	5.999	38.705	1.00	0.00
C									
HETATM	1662	H4	PRP	44	51.415	6.623	38.177	1.00	0.00
H									
HETATM	1663	O2	PRP	44	53.321	5.960	37.856	1.00	0.00
O									
HETATM	1664	H5	PRP	44	53.206	6.642	37.190	1.00	0.00
H									
HETATM	1665	C3	PRP	44	52.527	6.635	40.037	1.00	0.00
C									
HETATM	1666	H6	PRP	44	52.757	7.689	39.880	1.00	0.00
H									
HETATM	1667	H7	PRP	44	51.634	6.556	40.657	1.00	0.00
H									
HETATM	1668	H8	PRP	44	53.410	6.179	40.486	1.00	0.00
H									
HETATM	1669	O1	PRP	45	23.848	2.356	37.873	1.00	0.00
O									
HETATM	1670	H1	PRP	45	24.484	2.318	37.155	1.00	0.00
H									
HETATM	1671	C1	PRP	45	23.389	3.680	37.930	1.00	0.00
C									
HETATM	1672	H2	PRP	45	22.706	3.929	38.743	1.00	0.00
H									
HETATM	1673	H3	PRP	45	24.173	4.398	38.171	1.00	0.00
H									
HETATM	1674	C2	PRP	45	22.835	4.056	36.570	1.00	0.00
C									
HETATM	1675	H4	PRP	45	21.912	3.539	36.307	1.00	0.00
H									
HETATM	1676	O2	PRP	45	23.886	3.881	35.573	1.00	0.00
O									
HETATM	1677	H5	PRP	45	23.695	3.049	35.134	1.00	0.00
H									
HETATM	1678	C3	PRP	45	22.570	5.618	36.387	1.00	0.00
C									
HETATM	1679	H6	PRP	45	23.509	6.157	36.514	1.00	0.00
H									

HETATM	1680	H7	PRP	45	22.289	5.678	35.336	1.00	0.00
H									
HETATM	1681	H8	PRP	45	21.871	5.864	37.186	1.00	0.00
H									
HETATM	1682	O1	PRP	46	27.055	2.865	33.292	1.00	0.00
O									
HETATM	1683	H1	PRP	46	27.186	3.522	32.605	1.00	0.00
H									
HETATM	1684	C1	PRP	46	26.715	1.731	32.522	1.00	0.00
C									
HETATM	1685	H2	PRP	46	27.297	0.907	32.935	1.00	0.00
H									
HETATM	1686	H3	PRP	46	25.641	1.552	32.566	1.00	0.00
H									
HETATM	1687	C2	PRP	46	27.148	1.996	31.048	1.00	0.00
C									
HETATM	1688	H4	PRP	46	28.231	2.028	30.928	1.00	0.00
H									
HETATM	1689	O2	PRP	46	26.685	3.246	30.677	1.00	0.00
O									
HETATM	1690	H5	PRP	46	26.927	3.401	29.761	1.00	0.00
H									
HETATM	1691	C3	PRP	46	26.776	0.971	29.997	1.00	0.00
C									
HETATM	1692	H6	PRP	46	25.743	0.639	30.109	1.00	0.00
H									
HETATM	1693	H7	PRP	46	26.934	1.204	28.944	1.00	0.00
H									
HETATM	1694	H8	PRP	46	27.419	0.099	30.115	1.00	0.00
H									
HETATM	1695	O1	PRP	47	48.302	15.033	59.726	1.00	0.00
O									
HETATM	1696	H1	PRP	47	48.233	14.347	60.393	1.00	0.00
H									
HETATM	1697	C1	PRP	47	47.181	15.053	58.882	1.00	0.00
C									
HETATM	1698	H2	PRP	47	46.901	14.057	58.540	1.00	0.00
H									
HETATM	1699	H3	PRP	47	46.287	15.493	59.322	1.00	0.00
H									
HETATM	1700	C2	PRP	47	47.512	15.991	57.602	1.00	0.00
C									
HETATM	1701	H4	PRP	47	48.222	15.590	56.879	1.00	0.00
H									
HETATM	1702	O2	PRP	47	47.859	17.210	58.148	1.00	0.00
O									
HETATM	1703	H5	PRP	47	48.167	17.000	59.032	1.00	0.00
H									
HETATM	1704	C3	PRP	47	46.196	16.315	56.851	1.00	0.00
C									
HETATM	1705	H6	PRP	47	45.928	15.562	56.110	1.00	0.00
H									
HETATM	1706	H7	PRP	47	45.365	16.474	57.538	1.00	0.00
H									
HETATM	1707	H8	PRP	47	46.308	17.234	56.276	1.00	0.00
H									

HETATM	1708	O1	PRP	48	30.377	22.610	55.469	1.00	0.00
O									
HETATM	1709	H1	PRP	48	29.999	22.836	54.616	1.00	0.00
H									
HETATM	1710	C1	PRP	48	31.798	22.563	55.469	1.00	0.00
C									
HETATM	1711	H2	PRP	48	32.171	22.423	56.483	1.00	0.00
H									
HETATM	1712	H3	PRP	48	32.245	21.795	54.837	1.00	0.00
H									
HETATM	1713	C2	PRP	48	32.371	23.933	55.152	1.00	0.00
C									
HETATM	1714	H4	PRP	48	33.460	23.953	55.183	1.00	0.00
H									
HETATM	1715	O2	PRP	48	31.883	24.882	56.156	1.00	0.00
O									
HETATM	1716	H5	PRP	48	30.951	24.655	56.197	1.00	0.00
H									
HETATM	1717	C3	PRP	48	32.036	24.544	53.739	1.00	0.00
C									
HETATM	1718	H6	PRP	48	32.605	24.032	52.963	1.00	0.00
H									
HETATM	1719	H7	PRP	48	30.972	24.448	53.525	1.00	0.00
H									
HETATM	1720	H8	PRP	48	32.324	25.595	53.760	1.00	0.00
H									
HETATM	1721	O1	PRP	49	27.493	25.704	55.519	1.00	0.00
O									
HETATM	1722	H1	PRP	49	27.984	25.607	56.338	1.00	0.00
H									
HETATM	1723	C1	PRP	49	26.206	26.129	55.846	1.00	0.00
C									
HETATM	1724	H2	PRP	49	25.836	25.497	56.653	1.00	0.00
H									
HETATM	1725	H3	PRP	49	26.198	27.177	56.146	1.00	0.00
H									
HETATM	1726	C2	PRP	49	25.171	25.922	54.739	1.00	0.00
C									
HETATM	1727	H4	PRP	49	25.304	26.649	53.939	1.00	0.00
H									
HETATM	1728	O2	PRP	49	23.850	25.990	55.223	1.00	0.00
O									
HETATM	1729	H5	PRP	49	23.338	26.298	54.472	1.00	0.00
H									
HETATM	1730	C3	PRP	49	25.360	24.552	54.030	1.00	0.00
C									
HETATM	1731	H6	PRP	49	26.019	24.564	53.162	1.00	0.00
H									
HETATM	1732	H7	PRP	49	25.692	23.820	54.767	1.00	0.00
H									
HETATM	1733	H8	PRP	49	24.393	24.248	53.630	1.00	0.00
H									
HETATM	1734	O1	PRP	50	28.040	29.089	52.203	1.00	0.00
O									
HETATM	1735	H1	PRP	50	27.787	29.760	51.564	1.00	0.00
H									

HETATM	1736	C1	PRP	50	29.180	28.495	51.724	1.00	0.00
C									
HETATM	1737	H2	PRP	50	29.027	28.112	50.715	1.00	0.00
H									
HETATM	1738	H3	PRP	50	29.877	29.330	51.648	1.00	0.00
H									
HETATM	1739	C2	PRP	50	29.922	27.482	52.667	1.00	0.00
C									
HETATM	1740	H4	PRP	50	30.913	27.301	52.250	1.00	0.00
H									
HETATM	1741	O2	PRP	50	29.330	26.239	52.809	1.00	0.00
O									
HETATM	1742	H5	PRP	50	28.541	26.486	53.298	1.00	0.00
H									
HETATM	1743	C3	PRP	50	30.059	28.087	54.090	1.00	0.00
C									
HETATM	1744	H6	PRP	50	30.217	27.243	54.761	1.00	0.00
H									
HETATM	1745	H7	PRP	50	30.953	28.706	54.163	1.00	0.00
H									
HETATM	1746	H8	PRP	50	29.236	28.715	54.434	1.00	0.00
H									
HETATM	1747	O1	PRP	51	16.366	29.447	48.380	1.00	0.00
O									
HETATM	1748	H1	PRP	51	16.172	30.354	48.630	1.00	0.00
H									
HETATM	1749	C1	PRP	51	17.142	29.495	47.229	1.00	0.00
C									
HETATM	1750	H2	PRP	51	18.155	29.722	47.560	1.00	0.00
H									
HETATM	1751	H3	PRP	51	17.052	28.479	46.846	1.00	0.00
H									
HETATM	1752	C2	PRP	51	16.509	30.579	46.291	1.00	0.00
C									
HETATM	1753	H4	PRP	51	16.323	31.522	46.804	1.00	0.00
H									
HETATM	1754	O2	PRP	51	15.288	30.123	45.722	1.00	0.00
O									
HETATM	1755	H5	PRP	51	14.719	29.894	46.460	1.00	0.00
H									
HETATM	1756	C3	PRP	51	17.506	30.952	45.200	1.00	0.00
C									
HETATM	1757	H6	PRP	51	17.119	31.748	44.563	1.00	0.00
H									
HETATM	1758	H7	PRP	51	18.466	31.320	45.563	1.00	0.00
H									
HETATM	1759	H8	PRP	51	17.792	30.127	44.547	1.00	0.00
H									
HETATM	1760	O1	PRP	52	35.672	23.426	58.699	1.00	0.00
O									
HETATM	1761	H1	PRP	52	35.903	22.813	57.998	1.00	0.00
H									
HETATM	1762	C1	PRP	52	34.353	23.055	59.015	1.00	0.00
C									
HETATM	1763	H2	PRP	52	33.904	23.909	59.522	1.00	0.00
H									

HETATM	1764	H3	PRP	52	33.788	22.634	58.184	1.00	0.00
H									
HETATM	1765	C2	PRP	52	34.446	21.936	60.077	1.00	0.00
C									
HETATM	1766	H4	PRP	52	34.940	22.314	60.972	1.00	0.00
H									
HETATM	1767	O2	PRP	52	35.121	20.793	59.504	1.00	0.00
O									
HETATM	1768	H5	PRP	52	36.026	21.071	59.345	1.00	0.00
H									
HETATM	1769	C3	PRP	52	33.097	21.548	60.714	1.00	0.00
C									
HETATM	1770	H6	PRP	52	32.328	21.719	59.961	1.00	0.00
H									
HETATM	1771	H7	PRP	52	33.201	20.494	60.974	1.00	0.00
H									
HETATM	1772	H8	PRP	52	32.930	22.226	61.551	1.00	0.00
H									
HETATM	1773	O1	PRP	53	21.130	27.502	64.986	1.00	0.00
O									
HETATM	1774	H1	PRP	53	22.067	27.677	65.102	1.00	0.00
H									
HETATM	1775	C1	PRP	53	20.866	28.178	63.781	1.00	0.00
C									
HETATM	1776	H2	PRP	53	21.019	29.244	63.950	1.00	0.00
H									
HETATM	1777	H3	PRP	53	21.569	27.821	63.028	1.00	0.00
H									
HETATM	1778	C2	PRP	53	19.376	27.849	63.449	1.00	0.00
C									
HETATM	1779	H4	PRP	53	18.788	28.448	64.144	1.00	0.00
H									
HETATM	1780	O2	PRP	53	19.174	26.447	63.714	1.00	0.00
O									
HETATM	1781	H5	PRP	53	19.616	26.416	64.565	1.00	0.00
H									
HETATM	1782	C3	PRP	53	18.930	28.213	61.970	1.00	0.00
C									
HETATM	1783	H6	PRP	53	19.726	28.656	61.371	1.00	0.00
H									
HETATM	1784	H7	PRP	53	18.591	27.328	61.432	1.00	0.00
H									
HETATM	1785	H8	PRP	53	18.065	28.870	62.052	1.00	0.00
H									
HETATM	1786	O1	PRP	54	31.815	25.737	49.053	1.00	0.00
O									
HETATM	1787	H1	PRP	54	31.444	25.142	49.709	1.00	0.00
H									
HETATM	1788	C1	PRP	54	30.940	25.746	47.985	1.00	0.00
C									
HETATM	1789	H2	PRP	54	30.678	24.737	47.668	1.00	0.00
H									
HETATM	1790	H3	PRP	54	30.061	26.238	48.401	1.00	0.00
H									
HETATM	1791	C2	PRP	54	31.467	26.512	46.689	1.00	0.00
C									

HETATM	1792	H4	PRP	54	32.434	26.072	46.446	1.00	0.00
H									
HETATM	1793	O2	PRP	54	31.725	27.888	46.893	1.00	0.00
O									
HETATM	1794	H5	PRP	54	32.248	27.828	47.696	1.00	0.00
H									
HETATM	1795	C3	PRP	54	30.387	26.372	45.580	1.00	0.00
C									
HETATM	1796	H6	PRP	54	30.743	26.532	44.563	1.00	0.00
H									
HETATM	1797	H7	PRP	54	29.985	25.359	45.616	1.00	0.00
H									
HETATM	1798	H8	PRP	54	29.559	27.004	45.900	1.00	0.00
H									
HETATM	1799	O1	PRP	55	41.562	19.715	39.384	1.00	0.00
O									
HETATM	1800	H1	PRP	55	42.424	19.430	39.071	1.00	0.00
H									
HETATM	1801	C1	PRP	55	41.258	19.144	40.607	1.00	0.00
C									
HETATM	1802	H2	PRP	55	40.265	19.492	40.890	1.00	0.00
H									
HETATM	1803	H3	PRP	55	41.343	18.057	40.584	1.00	0.00
H									
HETATM	1804	C2	PRP	55	42.068	19.838	41.643	1.00	0.00
C									
HETATM	1805	H4	PRP	55	41.816	20.898	41.655	1.00	0.00
H									
HETATM	1806	O2	PRP	55	43.407	19.503	41.449	1.00	0.00
O									
HETATM	1807	H5	PRP	55	43.637	20.112	40.744	1.00	0.00
H									
HETATM	1808	C3	PRP	55	41.606	19.343	43.063	1.00	0.00
C									
HETATM	1809	H6	PRP	55	40.676	19.863	43.293	1.00	0.00
H									
HETATM	1810	H7	PRP	55	41.465	18.273	43.213	1.00	0.00
H									
HETATM	1811	H8	PRP	55	42.369	19.595	43.799	1.00	0.00
H									
HETATM	1812	O1	PRP	56	24.948	6.210	48.541	1.00	0.00
O									
HETATM	1813	H1	PRP	56	25.502	5.604	48.044	1.00	0.00
H									
HETATM	1814	C1	PRP	56	24.582	5.665	49.779	1.00	0.00
C									
HETATM	1815	H2	PRP	56	23.532	5.380	49.701	1.00	0.00
H									
HETATM	1816	H3	PRP	56	25.214	4.785	49.895	1.00	0.00
H									
HETATM	1817	C2	PRP	56	24.632	6.442	51.099	1.00	0.00
C									
HETATM	1818	H4	PRP	56	24.084	7.372	50.951	1.00	0.00
H									
HETATM	1819	O2	PRP	56	25.878	6.796	51.474	1.00	0.00
O									

HETATM	1820	H5	PRP	56	26.304	7.407	50.869	1.00	0.00
H									
HETATM	1821	C3	PRP	56	23.891	5.661	52.285	1.00	0.00
C									
HETATM	1822	H6	PRP	56	22.828	5.740	52.059	1.00	0.00
H									
HETATM	1823	H7	PRP	56	24.115	4.594	52.309	1.00	0.00
H									
HETATM	1824	H8	PRP	56	24.114	6.153	53.231	1.00	0.00
H									
HETATM	1825	O1	PRP	57	39.437	10.640	50.552	1.00	0.00
O									
HETATM	1826	H1	PRP	57	38.780	10.140	51.042	1.00	0.00
H									
HETATM	1827	C1	PRP	57	40.243	11.073	51.590	1.00	0.00
C									
HETATM	1828	H2	PRP	57	39.777	11.894	52.136	1.00	0.00
H									
HETATM	1829	H3	PRP	57	40.351	10.228	52.270	1.00	0.00
H									
HETATM	1830	C2	PRP	57	41.559	11.499	50.896	1.00	0.00
C									
HETATM	1831	H4	PRP	57	41.456	11.424	49.814	1.00	0.00
H									
HETATM	1832	O2	PRP	57	42.646	10.696	51.292	1.00	0.00
O									
HETATM	1833	H5	PRP	57	42.315	9.871	51.653	1.00	0.00
H									
HETATM	1834	C3	PRP	57	41.866	12.905	51.301	1.00	0.00
C									
HETATM	1835	H6	PRP	57	41.039	13.556	51.018	1.00	0.00
H									
HETATM	1836	H7	PRP	57	42.001	12.896	52.382	1.00	0.00
H									
HETATM	1837	H8	PRP	57	42.741	13.264	50.760	1.00	0.00
H									
HETATM	1838	O1	PRP	58	45.357	13.917	39.516	1.00	0.00
O									
HETATM	1839	H1	PRP	58	45.171	12.988	39.668	1.00	0.00
H									
HETATM	1840	C1	PRP	58	45.326	14.328	38.189	1.00	0.00
C									
HETATM	1841	H2	PRP	58	45.238	15.414	38.231	1.00	0.00
H									
HETATM	1842	H3	PRP	58	46.302	14.013	37.822	1.00	0.00
H									
HETATM	1843	C2	PRP	58	44.187	13.739	37.398	1.00	0.00
C									
HETATM	1844	H4	PRP	58	43.292	13.620	38.008	1.00	0.00
H									
HETATM	1845	O2	PRP	58	44.524	12.365	36.901	1.00	0.00
O									
HETATM	1846	H5	PRP	58	44.023	12.197	36.100	1.00	0.00
H									
HETATM	1847	C3	PRP	58	43.877	14.642	36.142	1.00	0.00
C									

HETATM	1848	H6	PRP	58	43.910	15.715	36.330	1.00	0.00
H									
HETATM	1849	H7	PRP	58	44.565	14.417	35.327	1.00	0.00
H									
HETATM	1850	H8	PRP	58	42.852	14.496	35.798	1.00	0.00
H									
HETATM	1851	O1	PRP	59	32.575	15.452	51.368	1.00	0.00
O									
HETATM	1852	H1	PRP	59	33.436	15.553	50.956	1.00	0.00
H									
HETATM	1853	C1	PRP	59	31.573	15.161	50.390	1.00	0.00
C									
HETATM	1854	H2	PRP	59	31.500	14.075	50.341	1.00	0.00
H									
HETATM	1855	H3	PRP	59	30.634	15.620	50.699	1.00	0.00
H									
HETATM	1856	C2	PRP	59	32.160	15.547	48.919	1.00	0.00
C									
HETATM	1857	H4	PRP	59	31.369	15.343	48.197	1.00	0.00
H									
HETATM	1858	O2	PRP	59	33.235	14.738	48.669	1.00	0.00
O									
HETATM	1859	H5	PRP	59	33.022	13.830	48.898	1.00	0.00
H									
HETATM	1860	C3	PRP	59	32.665	17.002	48.919	1.00	0.00
C									
HETATM	1861	H6	PRP	59	31.885	17.603	49.387	1.00	0.00
H									
HETATM	1862	H7	PRP	59	33.550	17.025	49.555	1.00	0.00
H									
HETATM	1863	H8	PRP	59	32.907	17.348	47.914	1.00	0.00
H									
HETATM	1864	O1	PRP	60	36.830	28.261	42.901	1.00	0.00
O									
HETATM	1865	H1	PRP	60	36.566	28.037	42.006	1.00	0.00
H									
HETATM	1866	C1	PRP	60	35.968	27.648	43.873	1.00	0.00
C									
HETATM	1867	H2	PRP	60	34.944	28.010	43.772	1.00	0.00
H									
HETATM	1868	H3	PRP	60	35.990	26.565	43.754	1.00	0.00
H									
HETATM	1869	C2	PRP	60	36.325	28.016	45.358	1.00	0.00
C									
HETATM	1870	H4	PRP	60	36.640	29.059	45.317	1.00	0.00
H									
HETATM	1871	O2	PRP	60	37.417	27.171	45.766	1.00	0.00
O									
HETATM	1872	H5	PRP	60	37.355	26.444	45.142	1.00	0.00
H									
HETATM	1873	C3	PRP	60	35.224	27.842	46.388	1.00	0.00
C									
HETATM	1874	H6	PRP	60	34.528	27.070	46.059	1.00	0.00
H									
HETATM	1875	H7	PRP	60	35.569	27.720	47.415	1.00	0.00
H									

HETATM	1876	H8	PRP	60	34.595	28.728	46.298	1.00	0.00
H									
HETATM	1877	O1	PRP	61	40.247	31.095	55.878	1.00	0.00
O									
HETATM	1878	H1	PRP	61	39.825	31.241	55.028	1.00	0.00
H									
HETATM	1879	C1	PRP	61	40.694	32.371	56.294	1.00	0.00
C									
HETATM	1880	H2	PRP	61	40.693	32.488	57.378	1.00	0.00
H									
HETATM	1881	H3	PRP	61	41.656	32.571	55.824	1.00	0.00
H									
HETATM	1882	C2	PRP	61	39.793	33.411	55.677	1.00	0.00
C									
HETATM	1883	H4	PRP	61	38.836	33.437	56.198	1.00	0.00
H									
HETATM	1884	O2	PRP	61	39.566	33.316	54.288	1.00	0.00
O									
HETATM	1885	H5	PRP	61	38.687	33.005	54.058	1.00	0.00
H									
HETATM	1886	C3	PRP	61	40.373	34.813	55.882	1.00	0.00
C									
HETATM	1887	H6	PRP	61	40.277	35.082	56.934	1.00	0.00
H									
HETATM	1888	H7	PRP	61	41.407	34.908	55.551	1.00	0.00
H									
HETATM	1889	H8	PRP	61	39.718	35.486	55.329	1.00	0.00
H									
HETATM	1890	O1	PRP	62	28.589	13.162	47.475	1.00	0.00
O									
HETATM	1891	H1	PRP	62	28.638	14.117	47.567	1.00	0.00
H									
HETATM	1892	C1	PRP	62	29.782	12.668	46.869	1.00	0.00
C									
HETATM	1893	H2	PRP	62	30.705	12.915	47.394	1.00	0.00
H									
HETATM	1894	H3	PRP	62	29.734	11.579	46.893	1.00	0.00
H									
HETATM	1895	C2	PRP	62	29.954	13.267	45.436	1.00	0.00
C									
HETATM	1896	H4	PRP	62	29.983	14.356	45.398	1.00	0.00
H									
HETATM	1897	O2	PRP	62	28.860	12.785	44.676	1.00	0.00
O									
HETATM	1898	H5	PRP	62	28.111	12.878	45.270	1.00	0.00
H									
HETATM	1899	C3	PRP	62	31.319	12.722	44.980	1.00	0.00
C									
HETATM	1900	H6	PRP	62	31.291	11.648	45.166	1.00	0.00
H									
HETATM	1901	H7	PRP	62	31.454	13.035	43.945	1.00	0.00
H									
HETATM	1902	H8	PRP	62	32.099	13.150	45.609	1.00	0.00
H									
HETATM	1903	O1	PRP	63	38.570	17.818	58.572	1.00	0.00
O									

HETATM	1904	H1	PRP	63	39.015	18.495	59.087	1.00	0.00
H									
HETATM	1905	C1	PRP	63	38.982	16.673	59.177	1.00	0.00
C									
HETATM	1906	H2	PRP	63	38.496	15.766	58.817	1.00	0.00
H									
HETATM	1907	H3	PRP	63	40.041	16.647	58.917	1.00	0.00
H									
HETATM	1908	C2	PRP	63	38.806	16.835	60.678	1.00	0.00
C									
HETATM	1909	H4	PRP	63	37.729	16.984	60.755	1.00	0.00
H									
HETATM	1910	O2	PRP	63	39.505	17.983	61.175	1.00	0.00
O									
HETATM	1911	H5	PRP	63	39.717	17.914	62.108	1.00	0.00
H									
HETATM	1912	C3	PRP	63	39.168	15.549	61.480	1.00	0.00
C									
HETATM	1913	H6	PRP	63	40.226	15.313	61.361	1.00	0.00
H									
HETATM	1914	H7	PRP	63	38.845	15.674	62.514	1.00	0.00
H									
HETATM	1915	H8	PRP	63	38.524	14.755	61.102	1.00	0.00
H									
HETATM	1916	O1	PRP	64	28.667	2.875	36.528	1.00	0.00
O									
HETATM	1917	H1	PRP	64	28.012	3.477	36.168	1.00	0.00
H									
HETATM	1918	C1	PRP	64	28.469	1.532	36.189	1.00	0.00
C									
HETATM	1919	H2	PRP	64	28.589	1.597	35.108	1.00	0.00
H									
HETATM	1920	H3	PRP	64	29.247	0.888	36.601	1.00	0.00
H									
HETATM	1921	C2	PRP	64	27.137	0.812	36.504	1.00	0.00
C									
HETATM	1922	H4	PRP	64	27.184	-0.195	36.090	1.00	0.00
H									
HETATM	1923	O2	PRP	64	26.050	1.479	35.928	1.00	0.00
O									
HETATM	1924	H5	PRP	64	26.405	2.089	35.278	1.00	0.00
H									
HETATM	1925	C3	PRP	64	26.807	0.650	38.029	1.00	0.00
C									
HETATM	1926	H6	PRP	64	26.900	1.625	38.506	1.00	0.00
H									
HETATM	1927	H7	PRP	64	25.852	0.159	38.219	1.00	0.00
H									
HETATM	1928	H8	PRP	64	27.616	0.055	38.452	1.00	0.00
H									
HETATM	1929	O1	PRP	65	29.112	36.926	47.608	1.00	0.00
O									
HETATM	1930	H1	PRP	65	29.178	37.837	47.314	1.00	0.00
H									
HETATM	1931	C1	PRP	65	28.317	36.906	48.725	1.00	0.00
C									

HETATM	1932	H2	PRP	65	28.892	36.677	49.621	1.00	0.00
H									
HETATM	1933	H3	PRP	65	27.884	37.867	49.001	1.00	0.00
H									
HETATM	1934	C2	PRP	65	27.215	35.889	48.565	1.00	0.00
C									
HETATM	1935	H4	PRP	65	27.750	34.958	48.380	1.00	0.00
H									
HETATM	1936	O2	PRP	65	26.394	36.219	47.402	1.00	0.00
O									
HETATM	1937	H5	PRP	65	27.065	36.408	46.742	1.00	0.00
H									
HETATM	1938	C3	PRP	65	26.402	35.805	49.859	1.00	0.00
C									
HETATM	1939	H6	PRP	65	27.045	35.927	50.731	1.00	0.00
H									
HETATM	1940	H7	PRP	65	25.536	36.467	49.891	1.00	0.00
H									
HETATM	1941	H8	PRP	65	25.990	34.803	49.973	1.00	0.00
H									
HETATM	1942	O1	PRP	66	46.749	29.047	34.440	1.00	0.00
O									
HETATM	1943	H1	PRP	66	46.206	29.312	35.186	1.00	0.00
H									
HETATM	1944	C1	PRP	66	46.048	29.249	33.236	1.00	0.00
C									
HETATM	1945	H2	PRP	66	45.018	28.922	33.094	1.00	0.00
H									
HETATM	1946	H3	PRP	66	45.940	30.332	33.180	1.00	0.00
H									
HETATM	1947	C2	PRP	66	46.779	28.824	32.001	1.00	0.00
C									
HETATM	1948	H4	PRP	66	46.293	29.171	31.090	1.00	0.00
H									
HETATM	1949	O2	PRP	66	46.721	27.378	32.071	1.00	0.00
O									
HETATM	1950	H5	PRP	66	46.838	27.081	32.976	1.00	0.00
H									
HETATM	1951	C3	PRP	66	48.155	29.433	31.813	1.00	0.00
C									
HETATM	1952	H6	PRP	66	48.709	29.064	30.950	1.00	0.00
H									
HETATM	1953	H7	PRP	66	47.959	30.491	31.640	1.00	0.00
H									
HETATM	1954	H8	PRP	66	48.769	29.148	32.668	1.00	0.00
H									
HETATM	1955	O1	PRP	67	42.748	33.841	29.098	1.00	0.00
O									
HETATM	1956	H1	PRP	67	43.639	33.911	28.747	1.00	0.00
H									
HETATM	1957	C1	PRP	67	42.860	33.298	30.407	1.00	0.00
C									
HETATM	1958	H2	PRP	67	43.583	33.808	31.043	1.00	0.00
H									
HETATM	1959	H3	PRP	67	41.929	33.325	30.973	1.00	0.00
H									

HETATM	1960	C2	PRP	67	43.284	31.851	30.291	1.00	0.00
C									
HETATM	1961	H4	PRP	67	44.060	31.714	29.538	1.00	0.00
H									
HETATM	1962	O2	PRP	67	42.190	31.122	29.796	1.00	0.00
O									
HETATM	1963	H5	PRP	67	41.467	31.206	30.421	1.00	0.00
H									
HETATM	1964	C3	PRP	67	43.669	31.254	31.632	1.00	0.00
C									
HETATM	1965	H6	PRP	67	44.643	31.608	31.969	1.00	0.00
H									
HETATM	1966	H7	PRP	67	42.928	31.617	32.343	1.00	0.00
H									
HETATM	1967	H8	PRP	67	43.561	30.171	31.560	1.00	0.00
H									
HETATM	1968	O1	PRP	68	44.789	3.761	50.328	1.00	0.00
O									
HETATM	1969	H1	PRP	68	44.425	4.536	49.892	1.00	0.00
H									
HETATM	1970	C1	PRP	68	46.087	3.558	49.793	1.00	0.00
C									
HETATM	1971	H2	PRP	68	46.767	4.391	49.971	1.00	0.00
H									
HETATM	1972	H3	PRP	68	46.465	2.614	50.184	1.00	0.00
H									
HETATM	1973	C2	PRP	68	46.042	3.412	48.260	1.00	0.00
C									
HETATM	1974	H4	PRP	68	47.012	3.258	47.788	1.00	0.00
H									
HETATM	1975	O2	PRP	68	45.521	4.617	47.610	1.00	0.00
O									
HETATM	1976	H5	PRP	68	45.612	4.499	46.662	1.00	0.00
H									
HETATM	1977	C3	PRP	68	45.149	2.252	47.854	1.00	0.00
C									
HETATM	1978	H6	PRP	68	44.943	2.099	46.794	1.00	0.00
H									
HETATM	1979	H7	PRP	68	45.691	1.365	48.182	1.00	0.00
H									
HETATM	1980	H8	PRP	68	44.207	2.172	48.396	1.00	0.00
H									
HETATM	1981	O1	PRP	69	46.221	26.551	39.339	1.00	0.00
O									
HETATM	1982	H1	PRP	69	46.333	26.442	40.286	1.00	0.00
H									
HETATM	1983	C1	PRP	69	44.875	26.916	38.922	1.00	0.00
C									
HETATM	1984	H2	PRP	69	44.197	26.106	39.191	1.00	0.00
H									
HETATM	1985	H3	PRP	69	44.594	27.769	39.539	1.00	0.00
H									
HETATM	1986	C2	PRP	69	44.729	27.276	37.402	1.00	0.00
C									
HETATM	1987	H4	PRP	69	44.826	26.459	36.686	1.00	0.00
H									

HETATM	1988	O2	PRP	69	45.565	28.395	37.055	1.00	0.00
O									
HETATM	1989	H5	PRP	69	46.166	28.518	37.794	1.00	0.00
H									
HETATM	1990	C3	PRP	69	43.296	27.951	37.132	1.00	0.00
C									
HETATM	1991	H6	PRP	69	43.129	28.828	37.758	1.00	0.00
H									
HETATM	1992	H7	PRP	69	43.287	28.331	36.110	1.00	0.00
H									
HETATM	1993	H8	PRP	69	42.564	27.157	37.281	1.00	0.00
H									
HETATM	1994	O1	PRP	70	43.148	31.668	51.874	1.00	0.00
O									
HETATM	1995	H1	PRP	70	42.713	30.815	51.940	1.00	0.00
H									
HETATM	1996	C1	PRP	70	42.142	32.673	52.170	1.00	0.00
C									
HETATM	1997	H2	PRP	70	41.295	32.183	52.650	1.00	0.00
H									
HETATM	1998	H3	PRP	70	42.572	33.382	52.877	1.00	0.00
H									
HETATM	1999	C2	PRP	70	41.692	33.350	50.862	1.00	0.00
C									
HETATM	2000	H4	PRP	70	41.866	32.646	50.049	1.00	0.00
H									
HETATM	2001	O2	PRP	70	42.532	34.440	50.769	1.00	0.00
O									
HETATM	2002	H5	PRP	70	43.417	34.136	50.552	1.00	0.00
H									
HETATM	2003	C3	PRP	70	40.286	33.895	50.969	1.00	0.00
C									
HETATM	2004	H6	PRP	70	40.067	34.528	51.829	1.00	0.00
H									
HETATM	2005	H7	PRP	70	40.151	34.544	50.103	1.00	0.00
H									
HETATM	2006	H8	PRP	70	39.543	33.109	50.833	1.00	0.00
H									
HETATM	2007	O1	PRP	71	39.786	27.089	50.578	1.00	0.00
O									
HETATM	2008	H1	PRP	71	39.626	26.847	49.663	1.00	0.00
H									
HETATM	2009	C1	PRP	71	40.862	27.986	50.638	1.00	0.00
C									
HETATM	2010	H2	PRP	71	40.458	28.997	50.591	1.00	0.00
H									
HETATM	2011	H3	PRP	71	41.557	27.831	51.463	1.00	0.00
H									
HETATM	2012	C2	PRP	71	41.637	27.783	49.319	1.00	0.00
C									
HETATM	2013	H4	PRP	71	41.016	27.924	48.434	1.00	0.00
H									
HETATM	2014	O2	PRP	71	42.210	26.530	49.255	1.00	0.00
O									
HETATM	2015	H5	PRP	71	41.535	25.873	49.071	1.00	0.00
H									

HETATM	2016	C3	PRP	71	42.741	28.801	49.143	1.00	0.00
C									
HETATM	2017	H6	PRP	71	43.480	28.601	49.919	1.00	0.00
H									
HETATM	2018	H7	PRP	71	43.291	28.670	48.210	1.00	0.00
H									
HETATM	2019	H8	PRP	71	42.418	29.842	49.170	1.00	0.00
H									
HETATM	2020	O1	PRP	72	45.539	25.140	52.004	1.00	0.00
O									
HETATM	2021	H1	PRP	72	46.349	25.342	52.477	1.00	0.00
H									
HETATM	2022	C1	PRP	72	45.806	25.383	50.640	1.00	0.00
C									
HETATM	2023	H2	PRP	72	45.062	26.132	50.368	1.00	0.00
H									
HETATM	2024	H3	PRP	72	46.803	25.803	50.511	1.00	0.00
H									
HETATM	2025	C2	PRP	72	45.632	24.061	49.795	1.00	0.00
C									
HETATM	2026	H4	PRP	72	44.799	23.568	50.295	1.00	0.00
H									
HETATM	2027	O2	PRP	72	46.802	23.243	49.901	1.00	0.00
O									
HETATM	2028	H5	PRP	72	46.774	22.792	50.748	1.00	0.00
H									
HETATM	2029	C3	PRP	72	45.390	24.277	48.275	1.00	0.00
C									
HETATM	2030	H6	PRP	72	46.113	24.930	47.787	1.00	0.00
H									
HETATM	2031	H7	PRP	72	45.256	23.303	47.806	1.00	0.00
H									
HETATM	2032	H8	PRP	72	44.429	24.729	48.027	1.00	0.00
H									
HETATM	2033	O1	PRP	73	40.434	13.181	41.733	1.00	0.00
O									
HETATM	2034	H1	PRP	73	41.369	13.002	41.610	1.00	0.00
H									
HETATM	2035	C1	PRP	73	39.985	12.477	42.807	1.00	0.00
C									
HETATM	2036	H2	PRP	73	40.887	12.342	43.404	1.00	0.00
H									
HETATM	2037	H3	PRP	73	39.358	13.033	43.504	1.00	0.00
H									
HETATM	2038	C2	PRP	73	39.340	11.051	42.471	1.00	0.00
C									
HETATM	2039	H4	PRP	73	39.306	10.625	43.474	1.00	0.00
H									
HETATM	2040	O2	PRP	73	40.140	10.220	41.695	1.00	0.00
O									
HETATM	2041	H5	PRP	73	39.832	9.325	41.859	1.00	0.00
H									
HETATM	2042	C3	PRP	73	37.991	11.196	41.892	1.00	0.00
C									
HETATM	2043	H6	PRP	73	37.518	10.239	41.673	1.00	0.00
H									

HETATM	2044	H7	PRP	73	37.337	11.669	42.625	1.00	0.00
H									
HETATM	2045	H8	PRP	73	38.009	11.933	41.088	1.00	0.00
H									
HETATM	2046	O1	PRP	74	28.929	-3.598	40.362	1.00	0.00
O									
HETATM	2047	H1	PRP	74	29.610	-2.925	40.286	1.00	0.00
H									
HETATM	2048	C1	PRP	74	27.716	-3.250	39.624	1.00	0.00
C									
HETATM	2049	H2	PRP	74	26.942	-4.014	39.691	1.00	0.00
H									
HETATM	2050	H3	PRP	74	27.273	-2.327	39.997	1.00	0.00
H									
HETATM	2051	C2	PRP	74	28.111	-3.089	38.198	1.00	0.00
C									
HETATM	2052	H4	PRP	74	28.700	-3.947	37.873	1.00	0.00
H									
HETATM	2053	O2	PRP	74	28.933	-1.982	37.964	1.00	0.00
O									
HETATM	2054	H5	PRP	74	29.370	-2.197	37.137	1.00	0.00
H									
HETATM	2055	C3	PRP	74	26.798	-3.004	37.410	1.00	0.00
C									
HETATM	2056	H6	PRP	74	26.067	-2.340	37.870	1.00	0.00
H									
HETATM	2057	H7	PRP	74	27.103	-2.712	36.405	1.00	0.00
H									
HETATM	2058	H8	PRP	74	26.497	-4.046	37.306	1.00	0.00
H									
HETATM	2059	O1	PRP	75	43.149	15.850	40.505	1.00	0.00
O									
HETATM	2060	H1	PRP	75	43.517	14.965	40.461	1.00	0.00
H									
HETATM	2061	C1	PRP	75	42.773	15.895	41.893	1.00	0.00
C									
HETATM	2062	H2	PRP	75	42.945	16.887	42.313	1.00	0.00
H									
HETATM	2063	H3	PRP	75	41.736	15.571	41.979	1.00	0.00
H									
HETATM	2064	C2	PRP	75	43.630	14.909	42.691	1.00	0.00
C									
HETATM	2065	H4	PRP	75	44.627	15.343	42.603	1.00	0.00
H									
HETATM	2066	O2	PRP	75	43.615	13.602	42.145	1.00	0.00
O									
HETATM	2067	H5	PRP	75	44.506	13.247	42.185	1.00	0.00
H									
HETATM	2068	C3	PRP	75	43.243	14.832	44.121	1.00	0.00
C									
HETATM	2069	H6	PRP	75	43.752	13.923	44.444	1.00	0.00
H									
HETATM	2070	H7	PRP	75	43.718	15.643	44.672	1.00	0.00
H									
HETATM	2071	H8	PRP	75	42.163	14.696	44.168	1.00	0.00
H									

HETATM	2072	O1	PRP	76	39.126	10.805	46.620	1.00	0.00
O									
HETATM	2073	H1	PRP	76	39.628	9.987	46.645	1.00	0.00
H									
HETATM	2074	C1	PRP	76	39.945	11.902	46.878	1.00	0.00
C									
HETATM	2075	H2	PRP	76	39.795	12.776	46.244	1.00	0.00
H									
HETATM	2076	H3	PRP	76	39.926	12.158	47.937	1.00	0.00
H									
HETATM	2077	C2	PRP	76	41.412	11.467	46.493	1.00	0.00
C									
HETATM	2078	H4	PRP	76	41.550	11.446	45.412	1.00	0.00
H									
HETATM	2079	O2	PRP	76	41.727	10.214	47.095	1.00	0.00
O									
HETATM	2080	H5	PRP	76	42.312	9.733	46.506	1.00	0.00
H									
HETATM	2081	C3	PRP	76	42.414	12.492	47.073	1.00	0.00
C									
HETATM	2082	H6	PRP	76	42.313	12.589	48.154	1.00	0.00
H									
HETATM	2083	H7	PRP	76	43.430	12.155	46.867	1.00	0.00
H									
HETATM	2084	H8	PRP	76	42.405	13.438	46.532	1.00	0.00
H									
HETATM	2085	O1	PRP	77	27.920	6.853	53.456	1.00	0.00
O									
HETATM	2086	H1	PRP	77	27.328	6.869	52.701	1.00	0.00
H									
HETATM	2087	C1	PRP	77	28.571	8.113	53.585	1.00	0.00
C									
HETATM	2088	H2	PRP	77	29.646	8.008	53.735	1.00	0.00
H									
HETATM	2089	H3	PRP	77	28.272	8.829	52.819	1.00	0.00
H									
HETATM	2090	C2	PRP	77	28.165	8.742	54.970	1.00	0.00
C									
HETATM	2091	H4	PRP	77	28.301	8.052	55.803	1.00	0.00
H									
HETATM	2092	O2	PRP	77	26.835	9.073	54.896	1.00	0.00
O									
HETATM	2093	H5	PRP	77	26.389	8.379	54.405	1.00	0.00
H									
HETATM	2094	C3	PRP	77	29.140	9.949	55.364	1.00	0.00
C									
HETATM	2095	H6	PRP	77	28.702	10.464	56.218	1.00	0.00
H									
HETATM	2096	H7	PRP	77	30.148	9.775	55.740	1.00	0.00
H									
HETATM	2097	H8	PRP	77	29.022	10.756	54.641	1.00	0.00
H									
HETATM	2098	O1	PRP	78	32.602	6.672	45.885	1.00	0.00
O									
HETATM	2099	H1	PRP	78	32.631	6.099	46.655	1.00	0.00
H									

HETATM	2100	C1	PRP	78	31.657	7.699	46.014	1.00	0.00
C									
HETATM	2101	H2	PRP	78	30.680	7.351	46.350	1.00	0.00
H									
HETATM	2102	H3	PRP	78	31.929	8.472	46.734	1.00	0.00
H									
HETATM	2103	C2	PRP	78	31.451	8.290	44.630	1.00	0.00
C									
HETATM	2104	H4	PRP	78	31.591	7.418	43.991	1.00	0.00
H									
HETATM	2105	O2	PRP	78	32.558	9.185	44.454	1.00	0.00
O									
HETATM	2106	H5	PRP	78	33.344	8.797	44.846	1.00	0.00
H									
HETATM	2107	C3	PRP	78	30.109	8.914	44.360	1.00	0.00
C									
HETATM	2108	H6	PRP	78	29.949	9.788	44.993	1.00	0.00
H									
HETATM	2109	H7	PRP	78	30.071	9.288	43.337	1.00	0.00
H									
HETATM	2110	H8	PRP	78	29.286	8.240	44.598	1.00	0.00
H									
HETATM	2111	O1	PRP	79	26.062	40.972	46.744	1.00	0.00
O									
HETATM	2112	H1	PRP	79	25.209	41.271	47.067	1.00	0.00
H									
HETATM	2113	C1	PRP	79	27.142	41.327	47.619	1.00	0.00
C									
HETATM	2114	H2	PRP	79	27.174	42.416	47.612	1.00	0.00
H									
HETATM	2115	H3	PRP	79	26.969	40.991	48.641	1.00	0.00
H									
HETATM	2116	C2	PRP	79	28.497	40.902	47.021	1.00	0.00
C									
HETATM	2117	H4	PRP	79	28.725	41.379	46.068	1.00	0.00
H									
HETATM	2118	O2	PRP	79	28.468	39.469	46.784	1.00	0.00
O									
HETATM	2119	H5	PRP	79	27.762	39.288	46.160	1.00	0.00
H									
HETATM	2120	C3	PRP	79	29.587	41.221	48.064	1.00	0.00
C									
HETATM	2121	H6	PRP	79	29.336	42.237	48.369	1.00	0.00
H									
HETATM	2122	H7	PRP	79	29.612	40.548	48.921	1.00	0.00
H									
HETATM	2123	H8	PRP	79	30.617	41.165	47.714	1.00	0.00
H									
HETATM	2124	O1	PRP	80	31.096	17.009	53.225	1.00	0.00
O									
HETATM	2125	H1	PRP	80	31.548	16.434	52.603	1.00	0.00
H									
HETATM	2126	C1	PRP	80	31.074	18.379	52.749	1.00	0.00
C									
HETATM	2127	H2	PRP	80	30.521	18.449	51.812	1.00	0.00
H									

HETATM	2128	H3	PRP	80	30.652	19.073	53.475	1.00	0.00
H									
HETATM	2129	C2	PRP	80	32.546	18.713	52.527	1.00	0.00
C									
HETATM	2130	H4	PRP	80	33.059	17.899	52.016	1.00	0.00
H									
HETATM	2131	O2	PRP	80	33.136	18.737	53.778	1.00	0.00
O									
HETATM	2132	H5	PRP	80	32.469	18.503	54.427	1.00	0.00
H									
HETATM	2133	C3	PRP	80	32.706	20.111	51.959	1.00	0.00
C									
HETATM	2134	H6	PRP	80	32.078	20.772	52.556	1.00	0.00
H									
HETATM	2135	H7	PRP	80	33.736	20.458	51.883	1.00	0.00
H									
HETATM	2136	H8	PRP	80	32.339	20.155	50.933	1.00	0.00
H									
HETATM	2137	O1	PRP	81	33.642	41.752	42.074	1.00	0.00
O									
HETATM	2138	H1	PRP	81	34.420	41.294	42.400	1.00	0.00
H									
HETATM	2139	C1	PRP	81	32.584	41.520	43.032	1.00	0.00
C									
HETATM	2140	H2	PRP	81	32.578	42.176	43.903	1.00	0.00
H									
HETATM	2141	H3	PRP	81	31.666	41.765	42.497	1.00	0.00
H									
HETATM	2142	C2	PRP	81	32.415	40.013	43.489	1.00	0.00
C									
HETATM	2143	H4	PRP	81	33.389	39.662	43.831	1.00	0.00
H									
HETATM	2144	O2	PRP	81	31.879	39.259	42.384	1.00	0.00
O									
HETATM	2145	H5	PRP	81	32.615	38.864	41.911	1.00	0.00
H									
HETATM	2146	C3	PRP	81	31.621	39.861	44.801	1.00	0.00
C									
HETATM	2147	H6	PRP	81	32.010	40.439	45.639	1.00	0.00
H									
HETATM	2148	H7	PRP	81	30.629	40.293	44.670	1.00	0.00
H									
HETATM	2149	H8	PRP	81	31.447	38.802	44.993	1.00	0.00
H									
HETATM	2150	O1	PRP	82	29.465	38.018	42.673	1.00	0.00
O									
HETATM	2151	H1	PRP	82	30.415	38.158	42.649	1.00	0.00
H									
HETATM	2152	C1	PRP	82	29.242	37.245	43.838	1.00	0.00
C									
HETATM	2153	H2	PRP	82	29.929	36.405	43.732	1.00	0.00
H									
HETATM	2154	H3	PRP	82	29.477	37.794	44.750	1.00	0.00
H									
HETATM	2155	C2	PRP	82	27.884	36.592	43.958	1.00	0.00
C									

HETATM	2156	H4	PRP	82	27.556	36.402	42.935	1.00	0.00
H									
HETATM	2157	O2	PRP	82	26.937	37.273	44.761	1.00	0.00
O									
HETATM	2158	H5	PRP	82	26.443	37.853	44.177	1.00	0.00
H									
HETATM	2159	C3	PRP	82	28.023	35.188	44.456	1.00	0.00
C									
HETATM	2160	H6	PRP	82	28.569	34.517	43.793	1.00	0.00
H									
HETATM	2161	H7	PRP	82	28.366	35.156	45.490	1.00	0.00
H									
HETATM	2162	H8	PRP	82	27.044	34.714	44.533	1.00	0.00
H									
HETATM	2163	O1	PRP	83	12.256	17.278	46.977	1.00	0.00
O									
HETATM	2164	H1	PRP	83	11.970	16.499	46.495	1.00	0.00
H									
HETATM	2165	C1	PRP	83	13.618	17.069	46.927	1.00	0.00
C									
HETATM	2166	H2	PRP	83	13.872	16.536	46.010	1.00	0.00
H									
HETATM	2167	H3	PRP	83	14.158	18.015	46.958	1.00	0.00
H									
HETATM	2168	C2	PRP	83	14.041	16.184	48.068	1.00	0.00
C									
HETATM	2169	H4	PRP	83	13.409	15.298	48.123	1.00	0.00
H									
HETATM	2170	O2	PRP	83	13.840	16.872	49.220	1.00	0.00
O									
HETATM	2171	H5	PRP	83	13.217	17.578	49.034	1.00	0.00
H									
HETATM	2172	C3	PRP	83	15.550	15.804	48.017	1.00	0.00
C									
HETATM	2173	H6	PRP	83	16.109	16.518	48.621	1.00	0.00
H									
HETATM	2174	H7	PRP	83	15.805	14.835	48.445	1.00	0.00
H									
HETATM	2175	H8	PRP	83	15.930	15.774	46.996	1.00	0.00
H									
HETATM	2176	O1	PRP	84	29.634	20.891	42.008	1.00	0.00
O									
HETATM	2177	H1	PRP	84	30.584	20.775	41.928	1.00	0.00
H									
HETATM	2178	C1	PRP	84	29.130	19.643	41.540	1.00	0.00
C									
HETATM	2179	H2	PRP	84	29.123	18.842	42.279	1.00	0.00
H									
HETATM	2180	H3	PRP	84	28.128	19.785	41.134	1.00	0.00
H									
HETATM	2181	C2	PRP	84	30.057	19.193	40.396	1.00	0.00
C									
HETATM	2182	H4	PRP	84	29.916	18.165	40.061	1.00	0.00
H									
HETATM	2183	O2	PRP	84	31.365	19.131	40.850	1.00	0.00
O									

HETATM	2184	H5	PRP	84	31.502	18.308	41.326	1.00	0.00
H									
HETATM	2185	C3	PRP	84	29.993	20.165	39.176	1.00	0.00
C									
HETATM	2186	H6	PRP	84	28.946	20.053	38.896	1.00	0.00
H									
HETATM	2187	H7	PRP	84	30.314	21.161	39.482	1.00	0.00
H									
HETATM	2188	H8	PRP	84	30.682	19.788	38.420	1.00	0.00
H									
HETATM	2189	O1	PRP	85	21.782	19.813	45.675	1.00	0.00
O									
HETATM	2190	H1	PRP	85	20.982	19.759	46.203	1.00	0.00
H									
HETATM	2191	C1	PRP	85	22.797	19.303	46.463	1.00	0.00
C									
HETATM	2192	H2	PRP	85	22.399	18.606	47.200	1.00	0.00
H									
HETATM	2193	H3	PRP	85	23.582	18.857	45.851	1.00	0.00
H									
HETATM	2194	C2	PRP	85	23.339	20.455	47.350	1.00	0.00
C									
HETATM	2195	H4	PRP	85	22.534	20.920	47.918	1.00	0.00
H									
HETATM	2196	O2	PRP	85	24.069	21.338	46.552	1.00	0.00
O									
HETATM	2197	H5	PRP	85	23.541	21.632	45.806	1.00	0.00
H									
HETATM	2198	C3	PRP	85	24.315	19.895	48.318	1.00	0.00
C									
HETATM	2199	H6	PRP	85	25.170	19.343	47.930	1.00	0.00
H									
HETATM	2200	H7	PRP	85	24.702	20.708	48.933	1.00	0.00
H									
HETATM	2201	H8	PRP	85	23.876	19.198	49.032	1.00	0.00
H									
HETATM	2202	O1	PRP	86	36.680	11.360	44.956	1.00	0.00
O									
HETATM	2203	H1	PRP	86	37.403	11.507	45.570	1.00	0.00
H									
HETATM	2204	C1	PRP	86	35.762	12.326	45.325	1.00	0.00
C									
HETATM	2205	H2	PRP	86	34.917	12.261	44.638	1.00	0.00
H									
HETATM	2206	H3	PRP	86	35.404	12.132	46.336	1.00	0.00
H									
HETATM	2207	C2	PRP	86	36.364	13.768	45.120	1.00	0.00
C									
HETATM	2208	H4	PRP	86	36.464	13.860	44.039	1.00	0.00
H									
HETATM	2209	O2	PRP	86	37.672	13.769	45.760	1.00	0.00
O									
HETATM	2210	H5	PRP	86	37.567	14.250	46.585	1.00	0.00
H									
HETATM	2211	C3	PRP	86	35.348	14.747	45.735	1.00	0.00
C									

HETATM	2212	H6	PRP	86	35.777	15.718	45.983	1.00	0.00
H									
HETATM	2213	H7	PRP	86	34.504	14.970	45.082	1.00	0.00
H									
HETATM	2214	H8	PRP	86	34.963	14.427	46.703	1.00	0.00
H									
HETATM	2215	O1	PRP	87	22.461	28.798	47.570	1.00	0.00
O									
HETATM	2216	H1	PRP	87	22.577	29.570	48.128	1.00	0.00
H									
HETATM	2217	C1	PRP	87	21.176	28.902	46.982	1.00	0.00
C									
HETATM	2218	H2	PRP	87	20.592	28.012	47.218	1.00	0.00
H									
HETATM	2219	H3	PRP	87	20.652	29.717	47.482	1.00	0.00
H									
HETATM	2220	C2	PRP	87	21.112	29.096	45.507	1.00	0.00
C									
HETATM	2221	H4	PRP	87	20.080	29.143	45.159	1.00	0.00
H									
HETATM	2222	O2	PRP	87	21.696	28.019	44.823	1.00	0.00
O									
HETATM	2223	H5	PRP	87	21.552	27.252	45.383	1.00	0.00
H									
HETATM	2224	C3	PRP	87	22.005	30.276	45.063	1.00	0.00
C									
HETATM	2225	H6	PRP	87	21.802	30.451	44.007	1.00	0.00
H									
HETATM	2226	H7	PRP	87	21.664	31.184	45.559	1.00	0.00
H									
HETATM	2227	H8	PRP	87	23.063	30.060	45.213	1.00	0.00
H									
HETATM	2228	O1	PRP	88	29.596	37.928	38.521	1.00	0.00
O									
HETATM	2229	H1	PRP	88	28.851	37.328	38.611	1.00	0.00
H									
HETATM	2230	C1	PRP	88	29.685	38.878	39.594	1.00	0.00
C									
HETATM	2231	H2	PRP	88	28.756	38.995	40.152	1.00	0.00
H									
HETATM	2232	H3	PRP	88	30.388	38.600	40.379	1.00	0.00
H									
HETATM	2233	C2	PRP	88	30.254	40.174	39.058	1.00	0.00
C									
HETATM	2234	H4	PRP	88	30.324	40.873	39.891	1.00	0.00
H									
HETATM	2235	O2	PRP	88	29.383	40.716	38.144	1.00	0.00
O									
HETATM	2236	H5	PRP	88	29.825	41.014	37.345	1.00	0.00
H									
HETATM	2237	C3	PRP	88	31.687	39.958	38.529	1.00	0.00
C									
HETATM	2238	H6	PRP	88	31.538	39.514	37.545	1.00	0.00
H									
HETATM	2239	H7	PRP	88	32.181	40.927	38.445	1.00	0.00
H									

HETATM	2240	H8	PRP	88	32.352	39.379	39.170	1.00	0.00
H									
HETATM	2241	O1	PRP	89	33.610	45.696	37.377	1.00	0.00
O									
HETATM	2242	H1	PRP	89	33.642	45.314	38.257	1.00	0.00
H									
HETATM	2243	C1	PRP	89	34.623	45.067	36.589	1.00	0.00
C									
HETATM	2244	H2	PRP	89	34.581	45.464	35.574	1.00	0.00
H									
HETATM	2245	H3	PRP	89	35.558	45.427	37.017	1.00	0.00
H									
HETATM	2246	C2	PRP	89	34.629	43.524	36.651	1.00	0.00
C									
HETATM	2247	H4	PRP	89	35.474	43.107	36.104	1.00	0.00
H									
HETATM	2248	O2	PRP	89	33.420	43.066	36.194	1.00	0.00
O									
HETATM	2249	H5	PRP	89	33.676	42.146	36.091	1.00	0.00
H									
HETATM	2250	C3	PRP	89	34.948	43.057	38.107	1.00	0.00
C									
HETATM	2251	H6	PRP	89	35.987	43.156	38.421	1.00	0.00
H									
HETATM	2252	H7	PRP	89	34.435	43.684	38.837	1.00	0.00
H									
HETATM	2253	H8	PRP	89	34.664	42.016	38.258	1.00	0.00
H									
HETATM	2254	O1	PRP	90	32.965	5.483	41.461	1.00	0.00
O									
HETATM	2255	H1	PRP	90	32.959	4.580	41.134	1.00	0.00
H									
HETATM	2256	C1	PRP	90	33.715	5.429	42.615	1.00	0.00
C									
HETATM	2257	H2	PRP	90	34.768	5.379	42.337	1.00	0.00
H									
HETATM	2258	H3	PRP	90	33.458	6.334	43.166	1.00	0.00
H									
HETATM	2259	C2	PRP	90	33.313	4.284	43.518	1.00	0.00
C									
HETATM	2260	H4	PRP	90	33.858	4.385	44.457	1.00	0.00
H									
HETATM	2261	O2	PRP	90	33.603	3.108	42.818	1.00	0.00
O									
HETATM	2262	H5	PRP	90	33.550	2.362	43.420	1.00	0.00
H									
HETATM	2263	C3	PRP	90	31.862	4.201	43.829	1.00	0.00
C									
HETATM	2264	H6	PRP	90	31.272	3.804	43.003	1.00	0.00
H									
HETATM	2265	H7	PRP	90	31.847	3.503	44.666	1.00	0.00
H									
HETATM	2266	H8	PRP	90	31.426	5.172	44.066	1.00	0.00
H									
HETATM	2267	O1	PRP	91	31.524	12.005	36.638	1.00	0.00
O									

HETATM	2268	H1	PRP	91	31.369	11.161	37.068	1.00	0.00
H									
HETATM	2269	C1	PRP	91	31.535	12.974	37.691	1.00	0.00
C									
HETATM	2270	H2	PRP	91	30.656	12.832	38.320	1.00	0.00
H									
HETATM	2271	H3	PRP	91	32.452	12.905	38.276	1.00	0.00
H									
HETATM	2272	C2	PRP	91	31.359	14.392	37.170	1.00	0.00
C									
HETATM	2273	H4	PRP	91	30.401	14.555	36.677	1.00	0.00
H									
HETATM	2274	O2	PRP	91	32.287	14.749	36.105	1.00	0.00
O									
HETATM	2275	H5	PRP	91	32.734	13.984	35.735	1.00	0.00
H									
HETATM	2276	C3	PRP	91	31.542	15.417	38.304	1.00	0.00
C									
HETATM	2277	H6	PRP	91	31.122	16.383	38.023	1.00	0.00
H									
HETATM	2278	H7	PRP	91	31.098	14.988	39.203	1.00	0.00
H									
HETATM	2279	H8	PRP	91	32.598	15.577	38.522	1.00	0.00
H									
HETATM	2280	O1	PRP	92	35.542	26.970	50.599	1.00	0.00
O									
HETATM	2281	H1	PRP	92	36.408	26.688	50.906	1.00	0.00
H									
HETATM	2282	C1	PRP	92	34.595	26.200	51.309	1.00	0.00
C									
HETATM	2283	H2	PRP	92	33.933	26.768	51.962	1.00	0.00
H									
HETATM	2284	H3	PRP	92	33.933	25.874	50.506	1.00	0.00
H									
HETATM	2285	C2	PRP	92	35.290	24.935	51.912	1.00	0.00
C									
HETATM	2286	H4	PRP	92	34.833	24.617	52.849	1.00	0.00
H									
HETATM	2287	O2	PRP	92	36.657	25.222	52.168	1.00	0.00
O									
HETATM	2288	H5	PRP	92	36.844	25.319	53.105	1.00	0.00
H									
HETATM	2289	C3	PRP	92	35.197	23.791	50.930	1.00	0.00
C									
HETATM	2290	H6	PRP	92	35.579	22.993	51.567	1.00	0.00
H									
HETATM	2291	H7	PRP	92	34.163	23.716	50.594	1.00	0.00
H									
HETATM	2292	H8	PRP	92	35.952	24.025	50.180	1.00	0.00
H									
HETATM	2293	O1	PRP	93	46.410	24.032	35.649	1.00	0.00
O									
HETATM	2294	H1	PRP	93	46.673	24.953	35.595	1.00	0.00
H									
HETATM	2295	C1	PRP	93	45.573	23.761	36.758	1.00	0.00
C									

HETATM	2296	H2	PRP	93	46.081	24.105	37.659	1.00	0.00
H									
HETATM	2297	H3	PRP	93	44.630	24.297	36.651	1.00	0.00
H									
HETATM	2298	C2	PRP	93	45.332	22.302	36.948	1.00	0.00
C									
HETATM	2299	H4	PRP	93	44.605	22.282	37.761	1.00	0.00
H									
HETATM	2300	O2	PRP	93	46.552	21.584	37.414	1.00	0.00
O									
HETATM	2301	H5	PRP	93	47.201	21.815	36.745	1.00	0.00
H									
HETATM	2302	C3	PRP	93	44.638	21.730	35.638	1.00	0.00
C									
HETATM	2303	H6	PRP	93	43.670	22.211	35.503	1.00	0.00
H									
HETATM	2304	H7	PRP	93	45.153	22.004	34.718	1.00	0.00
H									
HETATM	2305	H8	PRP	93	44.615	20.644	35.726	1.00	0.00
H									
HETATM	2306	O1	PRP	94	42.616	37.438	36.025	1.00	0.00
O									
HETATM	2307	H1	PRP	94	42.677	36.636	36.550	1.00	0.00
H									
HETATM	2308	C1	PRP	94	42.972	38.535	36.775	1.00	0.00
C									
HETATM	2309	H2	PRP	94	42.768	38.306	37.821	1.00	0.00
H									
HETATM	2310	H3	PRP	94	43.995	38.663	36.420	1.00	0.00
H									
HETATM	2311	C2	PRP	94	42.127	39.740	36.287	1.00	0.00
C									
HETATM	2312	H4	PRP	94	41.082	39.575	36.549	1.00	0.00
H									
HETATM	2313	O2	PRP	94	42.335	39.963	34.865	1.00	0.00
O									
HETATM	2314	H5	PRP	94	42.341	39.117	34.411	1.00	0.00
H									
HETATM	2315	C3	PRP	94	42.639	41.074	36.938	1.00	0.00
C									
HETATM	2316	H6	PRP	94	42.074	41.963	36.658	1.00	0.00
H									
HETATM	2317	H7	PRP	94	42.573	40.993	38.023	1.00	0.00
H									
HETATM	2318	H8	PRP	94	43.713	41.162	36.775	1.00	0.00
H									
HETATM	2319	O1	PRP	95	23.594	18.401	30.541	1.00	0.00
O									
HETATM	2320	H1	PRP	95	22.832	18.916	30.817	1.00	0.00
H									
HETATM	2321	C1	PRP	95	23.392	17.126	31.185	1.00	0.00
C									
HETATM	2322	H2	PRP	95	22.710	16.605	30.513	1.00	0.00
H									
HETATM	2323	H3	PRP	95	24.349	16.607	31.138	1.00	0.00
H									

HETATM	2324	C2	PRP	95	22.697	17.344	32.492	1.00	0.00
C									
HETATM	2325	H4	PRP	95	22.393	16.382	32.904	1.00	0.00
H									
HETATM	2326	O2	PRP	95	21.505	18.104	32.212	1.00	0.00
O									
HETATM	2327	H5	PRP	95	20.936	18.086	32.985	1.00	0.00
H									
HETATM	2328	C3	PRP	95	23.709	18.087	33.431	1.00	0.00
C									
HETATM	2329	H6	PRP	95	24.740	17.779	33.256	1.00	0.00
H									
HETATM	2330	H7	PRP	95	23.631	19.132	33.133	1.00	0.00
H									
HETATM	2331	H8	PRP	95	23.353	18.120	34.461	1.00	0.00
H									
HETATM	2332	O1	PRP	96	26.333	14.000	29.717	1.00	0.00
O									
HETATM	2333	H1	PRP	96	25.973	14.252	30.571	1.00	0.00
H									
HETATM	2334	C1	PRP	96	26.412	15.149	28.837	1.00	0.00
C									
HETATM	2335	H2	PRP	96	25.803	14.931	27.959	1.00	0.00
H									
HETATM	2336	H3	PRP	96	25.975	16.082	29.190	1.00	0.00
H									
HETATM	2337	C2	PRP	96	27.873	15.399	28.586	1.00	0.00
C									
HETATM	2338	H4	PRP	96	28.371	14.505	28.211	1.00	0.00
H									
HETATM	2339	O2	PRP	96	28.615	15.924	29.678	1.00	0.00
O									
HETATM	2340	H5	PRP	96	29.016	15.173	30.120	1.00	0.00
H									
HETATM	2341	C3	PRP	96	27.992	16.320	27.388	1.00	0.00
C									
HETATM	2342	H6	PRP	96	27.624	15.796	26.506	1.00	0.00
H									
HETATM	2343	H7	PRP	96	27.402	17.220	27.562	1.00	0.00
H									
HETATM	2344	H8	PRP	96	28.998	16.635	27.110	1.00	0.00
H									
HETATM	2345	O1	PRP	97	33.563	13.294	41.173	1.00	0.00
O									
HETATM	2346	H1	PRP	97	32.643	13.022	41.198	1.00	0.00
H									
HETATM	2347	C1	PRP	97	34.235	12.211	41.670	1.00	0.00
C									
HETATM	2348	H2	PRP	97	35.275	12.183	41.344	1.00	0.00
H									
HETATM	2349	H3	PRP	97	34.257	12.309	42.755	1.00	0.00
H									
HETATM	2350	C2	PRP	97	33.385	11.028	41.273	1.00	0.00
C									
HETATM	2351	H4	PRP	97	33.081	11.041	40.227	1.00	0.00
H									

HETATM	2352	O2	PRP	97	32.275	11.043	42.001	1.00	0.00
O									
HETATM	2353	H5	PRP	97	32.552	10.732	42.867	1.00	0.00
H									
HETATM	2354	C3	PRP	97	34.152	9.719	41.495	1.00	0.00
C									
HETATM	2355	H6	PRP	97	33.528	8.890	41.161	1.00	0.00
H									
HETATM	2356	H7	PRP	97	35.081	9.615	40.934	1.00	0.00
H									
HETATM	2357	H8	PRP	97	34.432	9.528	42.531	1.00	0.00
H									
HETATM	2358	O1	PRP	98	48.322	16.504	48.738	1.00	0.00
O									
HETATM	2359	H1	PRP	98	49.183	16.633	48.332	1.00	0.00
H									
HETATM	2360	C1	PRP	98	47.562	15.535	48.035	1.00	0.00
C									
HETATM	2361	H2	PRP	98	47.604	15.839	46.989	1.00	0.00
H									
HETATM	2362	H3	PRP	98	48.017	14.556	48.186	1.00	0.00
H									
HETATM	2363	C2	PRP	98	46.043	15.597	48.451	1.00	0.00
C									
HETATM	2364	H4	PRP	98	45.712	16.594	48.739	1.00	0.00
H									
HETATM	2365	O2	PRP	98	45.775	14.791	49.577	1.00	0.00
O									
HETATM	2366	H5	PRP	98	46.110	15.152	50.401	1.00	0.00
H									
HETATM	2367	C3	PRP	98	45.156	15.042	47.328	1.00	0.00
C									
HETATM	2368	H6	PRP	98	44.151	14.916	47.733	1.00	0.00
H									
HETATM	2369	H7	PRP	98	44.944	15.845	46.623	1.00	0.00
H									
HETATM	2370	H8	PRP	98	45.669	14.219	46.831	1.00	0.00
H									
HETATM	2371	O1	PRP	99	45.331	15.996	33.549	1.00	0.00
O									
HETATM	2372	H1	PRP	99	45.575	15.911	32.625	1.00	0.00
H									
HETATM	2373	C1	PRP	99	45.210	17.328	34.019	1.00	0.00
C									
HETATM	2374	H2	PRP	99	44.885	17.874	33.134	1.00	0.00
H									
HETATM	2375	H3	PRP	99	44.451	17.534	34.773	1.00	0.00
H									
HETATM	2376	C2	PRP	99	46.610	17.828	34.444	1.00	0.00
C									
HETATM	2377	H4	PRP	99	46.301	18.722	34.986	1.00	0.00
H									
HETATM	2378	O2	PRP	99	47.456	18.033	33.320	1.00	0.00
O									
HETATM	2379	H5	PRP	99	48.304	18.373	33.614	1.00	0.00
H									

HETATM	2380	C3	PRP	99	47.195	16.965	35.533	1.00	0.00
C									
HETATM	2381	H6	PRP	99	46.481	16.832	36.346	1.00	0.00
H									
HETATM	2382	H7	PRP	99	47.567	16.031	35.111	1.00	0.00
H									
HETATM	2383	H8	PRP	99	48.097	17.466	35.885	1.00	0.00
H									
HETATM	2384	O1	PRP	100	28.636	11.271	41.235	1.00	0.00
O									
HETATM	2385	H1	PRP	100	28.209	11.179	42.090	1.00	0.00
H									
HETATM	2386	C1	PRP	100	29.243	10.031	40.793	1.00	0.00
C									
HETATM	2387	H2	PRP	100	30.096	9.783	41.424	1.00	0.00
H									
HETATM	2388	H3	PRP	100	28.412	9.330	40.865	1.00	0.00
H									
HETATM	2389	C2	PRP	100	29.651	10.126	39.307	1.00	0.00
C									
HETATM	2390	H4	PRP	100	30.639	10.580	39.224	1.00	0.00
H									
HETATM	2391	O2	PRP	100	28.777	10.987	38.709	1.00	0.00
O									
HETATM	2392	H5	PRP	100	28.239	11.287	39.445	1.00	0.00
H									
HETATM	2393	C3	PRP	100	29.556	8.866	38.554	1.00	0.00
C									
HETATM	2394	H6	PRP	100	29.693	9.017	37.484	1.00	0.00
H									
HETATM	2395	H7	PRP	100	30.338	8.186	38.891	1.00	0.00
H									
HETATM	2396	H8	PRP	100	28.651	8.314	38.809	1.00	0.00
H									
HETATM	2397	O1	PRP	101	34.841	4.684	49.921	1.00	0.00
O									
HETATM	2398	H1	PRP	101	33.949	4.611	49.572	1.00	0.00
H									
HETATM	2399	C1	PRP	101	34.864	4.188	51.263	1.00	0.00
C									
HETATM	2400	H2	PRP	101	35.867	4.357	51.657	1.00	0.00
H									
HETATM	2401	H3	PRP	101	34.228	4.712	51.976	1.00	0.00
H									
HETATM	2402	C2	PRP	101	34.474	2.697	51.349	1.00	0.00
C									
HETATM	2403	H4	PRP	101	34.960	2.159	50.535	1.00	0.00
H									
HETATM	2404	O2	PRP	101	33.125	2.550	51.168	1.00	0.00
O									
HETATM	2405	H5	PRP	101	32.893	1.638	51.354	1.00	0.00
H									
HETATM	2406	C3	PRP	101	34.771	2.302	52.770	1.00	0.00
C									
HETATM	2407	H6	PRP	101	34.143	2.902	53.429	1.00	0.00
H									

HETATM	2408	H7	PRP	101	34.617	1.232	52.913	1.00	0.00
H									
HETATM	2409	H8	PRP	101	35.815	2.581	52.917	1.00	0.00
H									
HETATM	2410	O1	PRP	102	38.421	4.837	41.817	1.00	0.00
O									
HETATM	2411	H1	PRP	102	38.895	4.456	41.074	1.00	0.00
H									
HETATM	2412	C1	PRP	102	37.572	5.873	41.252	1.00	0.00
C									
HETATM	2413	H2	PRP	102	36.978	5.504	40.417	1.00	0.00
H									
HETATM	2414	H3	PRP	102	36.893	6.242	42.021	1.00	0.00
H									
HETATM	2415	C2	PRP	102	38.460	7.025	40.722	1.00	0.00
C									
HETATM	2416	H4	PRP	102	39.241	6.496	40.175	1.00	0.00
H									
HETATM	2417	O2	PRP	102	39.030	7.695	41.838	1.00	0.00
O									
HETATM	2418	H5	PRP	102	38.970	7.052	42.549	1.00	0.00
H									
HETATM	2419	C3	PRP	102	37.714	8.007	39.756	1.00	0.00
C									
HETATM	2420	H6	PRP	102	37.981	7.792	38.722	1.00	0.00
H									
HETATM	2421	H7	PRP	102	36.646	7.850	39.907	1.00	0.00
H									
HETATM	2422	H8	PRP	102	38.089	9.004	39.988	1.00	0.00
H									
HETATM	2423	O1	PRP	103	47.896	13.827	40.629	1.00	0.00
O									
HETATM	2424	H1	PRP	103	46.938	13.883	40.591	1.00	0.00
H									
HETATM	2425	C1	PRP	103	48.293	13.954	41.964	1.00	0.00
C									
HETATM	2426	H2	PRP	103	49.379	13.917	42.047	1.00	0.00
H									
HETATM	2427	H3	PRP	103	47.924	14.939	42.253	1.00	0.00
H									
HETATM	2428	C2	PRP	103	47.566	12.862	42.780	1.00	0.00
C									
HETATM	2429	H4	PRP	103	48.244	12.026	42.948	1.00	0.00
H									
HETATM	2430	O2	PRP	103	46.358	12.425	42.241	1.00	0.00
O									
HETATM	2431	H5	PRP	103	46.633	11.971	41.441	1.00	0.00
H									
HETATM	2432	C3	PRP	103	47.195	13.283	44.215	1.00	0.00
C									
HETATM	2433	H6	PRP	103	48.069	13.623	44.770	1.00	0.00
H									
HETATM	2434	H7	PRP	103	46.466	14.092	44.255	1.00	0.00
H									
HETATM	2435	H8	PRP	103	46.753	12.437	44.741	1.00	0.00
H									

HETATM	2436	O1	PRP	104	41.674	23.309	37.589	1.00	0.00
O									
HETATM	2437	H1	PRP	104	41.252	24.085	37.214	1.00	0.00
H									
HETATM	2438	C1	PRP	104	40.738	22.278	37.453	1.00	0.00
C									
HETATM	2439	H2	PRP	104	40.302	22.322	36.455	1.00	0.00
H									
HETATM	2440	H3	PRP	104	41.286	21.337	37.503	1.00	0.00
H									
HETATM	2441	C2	PRP	104	39.672	22.439	38.507	1.00	0.00
C									
HETATM	2442	H4	PRP	104	39.242	23.436	38.415	1.00	0.00
H									
HETATM	2443	O2	PRP	104	40.224	22.456	39.812	1.00	0.00
O									
HETATM	2444	H5	PRP	104	40.334	21.546	40.097	1.00	0.00
H									
HETATM	2445	C3	PRP	104	38.513	21.488	38.396	1.00	0.00
C									
HETATM	2446	H6	PRP	104	38.444	21.201	37.347	1.00	0.00
H									
HETATM	2447	H7	PRP	104	38.576	20.675	39.119	1.00	0.00
H									
HETATM	2448	H8	PRP	104	37.559	21.929	38.686	1.00	0.00
H									
HETATM	2449	O1	PRP	105	47.552	10.529	37.184	1.00	0.00
O									
HETATM	2450	H1	PRP	105	48.143	9.773	37.154	1.00	0.00
H									
HETATM	2451	C1	PRP	105	48.065	11.688	36.506	1.00	0.00
C									
HETATM	2452	H2	PRP	105	47.440	12.524	36.821	1.00	0.00
H									
HETATM	2453	H3	PRP	105	49.015	12.095	36.852	1.00	0.00
H									
HETATM	2454	C2	PRP	105	48.257	11.511	34.988	1.00	0.00
C									
HETATM	2455	H4	PRP	105	47.508	10.839	34.569	1.00	0.00
H									
HETATM	2456	O2	PRP	105	49.616	11.136	34.621	1.00	0.00
O									
HETATM	2457	H5	PRP	105	50.175	11.861	34.908	1.00	0.00
H									
HETATM	2458	C3	PRP	105	48.127	12.830	34.265	1.00	0.00
C									
HETATM	2459	H6	PRP	105	47.957	12.673	33.200	1.00	0.00
H									
HETATM	2460	H7	PRP	105	47.276	13.336	34.721	1.00	0.00
H									
HETATM	2461	H8	PRP	105	49.006	13.456	34.420	1.00	0.00
H									
HETATM	2462	O1	PRP	106	41.822	24.640	40.529	1.00	0.00
O									
HETATM	2463	H1	PRP	106	41.427	23.951	39.990	1.00	0.00
H									

HETATM	2464	C1	PRP	106	42.845	23.988	41.197	1.00	0.00
C									
HETATM	2465	H2	PRP	106	43.222	24.816	41.797	1.00	0.00
H									
HETATM	2466	H3	PRP	106	42.555	23.213	41.906	1.00	0.00
H									
HETATM	2467	C2	PRP	106	43.913	23.391	40.204	1.00	0.00
C									
HETATM	2468	H4	PRP	106	44.053	24.012	39.320	1.00	0.00
H									
HETATM	2469	O2	PRP	106	43.394	22.150	39.875	1.00	0.00
O									
HETATM	2470	H5	PRP	106	42.750	22.331	39.186	1.00	0.00
H									
HETATM	2471	C3	PRP	106	45.318	23.283	40.773	1.00	0.00
C									
HETATM	2472	H6	PRP	106	45.657	24.257	41.126	1.00	0.00
H									
HETATM	2473	H7	PRP	106	45.382	22.708	41.697	1.00	0.00
H									
HETATM	2474	H8	PRP	106	45.973	22.880	40.001	1.00	0.00
H									
HETATM	2475	O1	PRP	107	15.666	10.284	53.022	1.00	0.00
O									
HETATM	2476	H1	PRP	107	15.813	10.557	52.114	1.00	0.00
H									
HETATM	2477	C1	PRP	107	16.761	9.444	53.408	1.00	0.00
C									
HETATM	2478	H2	PRP	107	16.776	9.230	54.476	1.00	0.00
H									
HETATM	2479	H3	PRP	107	16.778	8.585	52.737	1.00	0.00
H									
HETATM	2480	C2	PRP	107	18.027	10.261	53.149	1.00	0.00
C									
HETATM	2481	H4	PRP	107	17.857	11.261	53.548	1.00	0.00
H									
HETATM	2482	O2	PRP	107	18.326	10.233	51.818	1.00	0.00
O									
HETATM	2483	H5	PRP	107	18.787	9.411	51.633	1.00	0.00
H									
HETATM	2484	C3	PRP	107	19.210	9.534	53.914	1.00	0.00
C									
HETATM	2485	H6	PRP	107	18.978	9.464	54.977	1.00	0.00
H									
HETATM	2486	H7	PRP	107	19.154	8.541	53.468	1.00	0.00
H									
HETATM	2487	H8	PRP	107	20.171	10.040	53.825	1.00	0.00
H									
HETATM	2488	O1	PRP	108	38.377	9.103	34.758	1.00	0.00
O									
HETATM	2489	H1	PRP	108	38.687	9.131	35.666	1.00	0.00
H									
HETATM	2490	C1	PRP	108	37.931	10.408	34.321	1.00	0.00
C									
HETATM	2491	H2	PRP	108	37.058	10.596	34.946	1.00	0.00
H									

HETATM	2492	H3	PRP	108	38.720	11.077	34.667	1.00	0.00
H									
HETATM	2493	C2	PRP	108	37.635	10.460	32.818	1.00	0.00
C									
HETATM	2494	H4	PRP	108	37.340	11.474	32.550	1.00	0.00
H									
HETATM	2495	O2	PRP	108	36.691	9.493	32.545	1.00	0.00
O									
HETATM	2496	H5	PRP	108	36.855	8.786	33.174	1.00	0.00
H									
HETATM	2497	C3	PRP	108	38.867	10.068	32.073	1.00	0.00
C									
HETATM	2498	H6	PRP	108	38.605	10.341	31.050	1.00	0.00
H									
HETATM	2499	H7	PRP	108	39.713	10.709	32.319	1.00	0.00
H									
HETATM	2500	H8	PRP	108	39.182	9.033	32.200	1.00	0.00
H									
HETATM	2501	O1	PRP	109	34.801	-1.600	45.041	1.00	0.00
O									
HETATM	2502	H1	PRP	109	35.391	-0.938	44.675	1.00	0.00
H									
HETATM	2503	C1	PRP	109	33.807	-0.882	45.799	1.00	0.00
C									
HETATM	2504	H2	PRP	109	33.393	-1.497	46.598	1.00	0.00
H									
HETATM	2505	H3	PRP	109	34.325	-0.071	46.311	1.00	0.00
H									
HETATM	2506	C2	PRP	109	32.764	-0.201	44.877	1.00	0.00
C									
HETATM	2507	H4	PRP	109	32.186	-0.980	44.379	1.00	0.00
H									
HETATM	2508	O2	PRP	109	33.323	0.653	43.947	1.00	0.00
O									
HETATM	2509	H5	PRP	109	33.827	0.068	43.377	1.00	0.00
H									
HETATM	2510	C3	PRP	109	31.815	0.631	45.686	1.00	0.00
C									
HETATM	2511	H6	PRP	109	32.388	1.163	46.446	1.00	0.00
H									
HETATM	2512	H7	PRP	109	31.182	1.260	45.060	1.00	0.00
H									
HETATM	2513	H8	PRP	109	31.130	-0.040	46.205	1.00	0.00
H									
HETATM	2514	O1	PRP	110	38.218	3.038	43.727	1.00	0.00
O									
HETATM	2515	H1	PRP	110	38.259	3.711	43.043	1.00	0.00
H									
HETATM	2516	C1	PRP	110	36.934	3.055	44.433	1.00	0.00
C									
HETATM	2517	H2	PRP	110	36.817	4.105	44.699	1.00	0.00
H									
HETATM	2518	H3	PRP	110	36.177	2.916	43.661	1.00	0.00
H									
HETATM	2519	C2	PRP	110	36.828	1.978	45.583	1.00	0.00
C									

HETATM	2520	H4	PRP	110	37.800	1.710	45.996	1.00	0.00
H									
HETATM	2521	O2	PRP	110	36.343	0.790	44.944	1.00	0.00
O									
HETATM	2522	H5	PRP	110	36.843	0.633	44.140	1.00	0.00
H									
HETATM	2523	C3	PRP	110	35.801	2.371	46.645	1.00	0.00
C									
HETATM	2524	H6	PRP	110	36.047	3.216	47.289	1.00	0.00
H									
HETATM	2525	H7	PRP	110	35.045	2.900	46.065	1.00	0.00
H									
HETATM	2526	H8	PRP	110	35.550	1.496	47.244	1.00	0.00
H									
HETATM	2527	O1	PRP	111	43.061	6.176	49.496	1.00	0.00
O									
HETATM	2528	H1	PRP	111	42.113	6.138	49.346	1.00	0.00
H									
HETATM	2529	C1	PRP	111	43.576	7.154	48.619	1.00	0.00
C									
HETATM	2530	H2	PRP	111	43.645	6.554	47.712	1.00	0.00
H									
HETATM	2531	H3	PRP	111	42.864	7.967	48.472	1.00	0.00
H									
HETATM	2532	C2	PRP	111	44.911	7.737	49.185	1.00	0.00
C									
HETATM	2533	H4	PRP	111	45.079	8.719	48.742	1.00	0.00
H									
HETATM	2534	O2	PRP	111	46.009	6.939	48.954	1.00	0.00
O									
HETATM	2535	H5	PRP	111	45.570	6.160	48.603	1.00	0.00
H									
HETATM	2536	C3	PRP	111	44.902	7.868	50.795	1.00	0.00
C									
HETATM	2537	H6	PRP	111	44.938	6.848	51.179	1.00	0.00
H									
HETATM	2538	H7	PRP	111	45.780	8.445	51.087	1.00	0.00
H									
HETATM	2539	H8	PRP	111	44.023	8.422	51.122	1.00	0.00
H									
HETATM	2540	O1	PRP	112	28.385	16.177	52.622	1.00	0.00
O									
HETATM	2541	H1	PRP	112	29.238	15.974	53.013	1.00	0.00
H									
HETATM	2542	C1	PRP	112	27.856	15.044	51.973	1.00	0.00
C									
HETATM	2543	H2	PRP	112	28.398	14.899	51.038	1.00	0.00
H									
HETATM	2544	H3	PRP	112	28.078	14.183	52.604	1.00	0.00
H									
HETATM	2545	C2	PRP	112	26.381	15.170	51.600	1.00	0.00
C									
HETATM	2546	H4	PRP	112	26.057	14.308	51.016	1.00	0.00
H									
HETATM	2547	O2	PRP	112	26.054	16.331	50.837	1.00	0.00
O									

HETATM	2548	H5	PRP	112	26.204	17.056	51.450	1.00	0.00
H									
HETATM	2549	C3	PRP	112	25.481	15.207	52.797	1.00	0.00
C									
HETATM	2550	H6	PRP	112	24.433	15.038	52.552	1.00	0.00
H									
HETATM	2551	H7	PRP	112	25.724	14.415	53.505	1.00	0.00
H									
HETATM	2552	H8	PRP	112	25.750	16.121	53.326	1.00	0.00
H									
HETATM	2553	O1	PRP	113	18.066	26.308	47.129	1.00	0.00
O									
HETATM	2554	H1	PRP	113	17.905	26.549	48.044	1.00	0.00
H									
HETATM	2555	C1	PRP	113	17.575	24.999	47.042	1.00	0.00
C									
HETATM	2556	H2	PRP	113	17.441	24.763	45.986	1.00	0.00
H									
HETATM	2557	H3	PRP	113	18.350	24.361	47.465	1.00	0.00
H									
HETATM	2558	C2	PRP	113	16.231	24.928	47.809	1.00	0.00
C									
HETATM	2559	H4	PRP	113	15.702	25.818	47.468	1.00	0.00
H									
HETATM	2560	O2	PRP	113	16.464	24.918	49.231	1.00	0.00
O									
HETATM	2561	H5	PRP	113	15.584	25.007	49.604	1.00	0.00
H									
HETATM	2562	C3	PRP	113	15.417	23.762	47.248	1.00	0.00
C									
HETATM	2563	H6	PRP	113	15.874	22.836	47.597	1.00	0.00
H									
HETATM	2564	H7	PRP	113	14.386	23.748	47.601	1.00	0.00
H									
HETATM	2565	H8	PRP	113	15.420	23.885	46.165	1.00	0.00
H									
HETATM	2566	O1	PRP	114	20.659	28.271	42.353	1.00	0.00
O									
HETATM	2567	H1	PRP	114	21.042	27.945	43.171	1.00	0.00
H									
HETATM	2568	C1	PRP	114	21.677	28.728	41.493	1.00	0.00
C									
HETATM	2569	H2	PRP	114	21.299	29.508	40.831	1.00	0.00
H									
HETATM	2570	H3	PRP	114	22.333	29.328	42.124	1.00	0.00
H									
HETATM	2571	C2	PRP	114	22.205	27.580	40.643	1.00	0.00
C									
HETATM	2572	H4	PRP	114	21.303	27.245	40.131	1.00	0.00
H									
HETATM	2573	O2	PRP	114	22.887	26.727	41.566	1.00	0.00
O									
HETATM	2574	H5	PRP	114	22.615	27.096	42.409	1.00	0.00
H									
HETATM	2575	C3	PRP	114	23.149	28.018	39.566	1.00	0.00
C									

HETATM	2576	H6	PRP	114	23.583	27.141	39.086	1.00	0.00
H									
HETATM	2577	H7	PRP	114	22.565	28.644	38.891	1.00	0.00
H									
HETATM	2578	H8	PRP	114	23.934	28.651	39.980	1.00	0.00
H									
HETATM	2579	O1	PRP	115	28.981	23.211	52.834	1.00	0.00
O									
HETATM	2580	H1	PRP	115	28.553	24.051	52.652	1.00	0.00
H									
HETATM	2581	C1	PRP	115	28.967	22.369	51.692	1.00	0.00
C									
HETATM	2582	H2	PRP	115	29.709	21.594	51.881	1.00	0.00
H									
HETATM	2583	H3	PRP	115	27.952	21.972	51.649	1.00	0.00
H									
HETATM	2584	C2	PRP	115	29.468	23.112	50.388	1.00	0.00
C									
HETATM	2585	H4	PRP	115	29.674	22.352	49.634	1.00	0.00
H									
HETATM	2586	O2	PRP	115	30.570	23.960	50.719	1.00	0.00
O									
HETATM	2587	H5	PRP	115	30.169	24.434	51.452	1.00	0.00
H									
HETATM	2588	C3	PRP	115	28.384	24.116	49.863	1.00	0.00
C									
HETATM	2589	H6	PRP	115	28.168	24.872	50.618	1.00	0.00
H									
HETATM	2590	H7	PRP	115	28.836	24.595	48.994	1.00	0.00
H									
HETATM	2591	H8	PRP	115	27.508	23.528	49.590	1.00	0.00
H									
HETATM	2592	O1	PRP	116	21.617	27.091	58.140	1.00	0.00
O									
HETATM	2593	H1	PRP	116	21.862	26.492	58.849	1.00	0.00
H									
HETATM	2594	C1	PRP	116	21.076	26.234	57.172	1.00	0.00
C									
HETATM	2595	H2	PRP	116	21.939	25.855	56.625	1.00	0.00
H									
HETATM	2596	H3	PRP	116	20.488	25.429	57.614	1.00	0.00
H									
HETATM	2597	C2	PRP	116	20.059	26.870	56.197	1.00	0.00
C									
HETATM	2598	H4	PRP	116	20.479	27.859	56.009	1.00	0.00
H									
HETATM	2599	O2	PRP	116	18.788	26.992	56.780	1.00	0.00
O									
HETATM	2600	H5	PRP	116	18.696	27.915	57.026	1.00	0.00
H									
HETATM	2601	C3	PRP	116	19.871	26.050	54.904	1.00	0.00
C									
HETATM	2602	H6	PRP	116	20.756	26.196	54.284	1.00	0.00
H									
HETATM	2603	H7	PRP	116	19.690	24.985	55.047	1.00	0.00
H									

HETATM	2604	H8	PRP	116	19.103	26.526	54.294	1.00	0.00
H									
HETATM	2605	O1	PRP	117	28.834	45.057	36.949	1.00	0.00
O									
HETATM	2606	H1	PRP	117	29.751	44.881	37.174	1.00	0.00
H									
HETATM	2607	C1	PRP	117	27.995	44.313	37.767	1.00	0.00
C									
HETATM	2608	H2	PRP	117	28.277	43.260	37.787	1.00	0.00
H									
HETATM	2609	H3	PRP	117	28.049	44.782	38.749	1.00	0.00
H									
HETATM	2610	C2	PRP	117	26.577	44.466	37.252	1.00	0.00
C									
HETATM	2611	H4	PRP	117	26.491	44.019	36.262	1.00	0.00
H									
HETATM	2612	O2	PRP	117	26.341	45.816	37.061	1.00	0.00
O									
HETATM	2613	H5	PRP	117	27.108	46.107	36.562	1.00	0.00
H									
HETATM	2614	C3	PRP	117	25.587	43.760	38.145	1.00	0.00
C									
HETATM	2615	H6	PRP	117	25.830	43.863	39.203	1.00	0.00
H									
HETATM	2616	H7	PRP	117	24.620	44.219	37.939	1.00	0.00
H									
HETATM	2617	H8	PRP	117	25.515	42.705	37.879	1.00	0.00
H									
HETATM	2618	O1	PRP	118	34.525	25.894	32.363	1.00	0.00
O									
HETATM	2619	H1	PRP	118	34.563	24.952	32.545	1.00	0.00
H									
HETATM	2620	C1	PRP	118	33.561	25.946	31.424	1.00	0.00
C									
HETATM	2621	H2	PRP	118	33.586	25.151	30.678	1.00	0.00
H									
HETATM	2622	H3	PRP	118	32.574	25.852	31.877	1.00	0.00
H									
HETATM	2623	C2	PRP	118	33.707	27.180	30.548	1.00	0.00
C									
HETATM	2624	H4	PRP	118	33.036	27.144	29.690	1.00	0.00
H									
HETATM	2625	O2	PRP	118	35.007	27.368	30.066	1.00	0.00
O									
HETATM	2626	H5	PRP	118	35.525	26.722	30.552	1.00	0.00
H									
HETATM	2627	C3	PRP	118	33.294	28.432	31.301	1.00	0.00
C									
HETATM	2628	H6	PRP	118	33.691	29.279	30.741	1.00	0.00
H									
HETATM	2629	H7	PRP	118	32.221	28.398	31.485	1.00	0.00
H									
HETATM	2630	H8	PRP	118	33.757	28.449	32.287	1.00	0.00
H									
HETATM	2631	O1	PRP	119	22.658	17.552	42.046	1.00	0.00
O									

HETATM	2632	H1	PRP	119	23.471	18.043	42.186	1.00	0.00
H									
HETATM	2633	C1	PRP	119	21.669	18.488	42.365	1.00	0.00
C									
HETATM	2634	H2	PRP	119	21.999	18.808	43.353	1.00	0.00
H									
HETATM	2635	H3	PRP	119	21.673	19.347	41.694	1.00	0.00
H									
HETATM	2636	C2	PRP	119	20.236	17.922	42.479	1.00	0.00
C									
HETATM	2637	H4	PRP	119	20.208	17.178	43.275	1.00	0.00
H									
HETATM	2638	O2	PRP	119	20.041	17.397	41.210	1.00	0.00
O									
HETATM	2639	H5	PRP	119	20.865	17.090	40.824	1.00	0.00
H									
HETATM	2640	C3	PRP	119	19.331	19.103	42.839	1.00	0.00
C									
HETATM	2641	H6	PRP	119	19.754	19.659	43.676	1.00	0.00
H									
HETATM	2642	H7	PRP	119	19.223	19.688	41.926	1.00	0.00
H									
HETATM	2643	H8	PRP	119	18.354	18.686	43.083	1.00	0.00
H									
HETATM	2644	O1	PRP	120	26.143	19.696	31.078	1.00	0.00
O									
HETATM	2645	H1	PRP	120	25.245	19.618	30.748	1.00	0.00
H									
HETATM	2646	C1	PRP	120	27.096	19.133	30.137	1.00	0.00
C									
HETATM	2647	H2	PRP	120	27.204	18.050	30.183	1.00	0.00
H									
HETATM	2648	H3	PRP	120	26.793	19.409	29.127	1.00	0.00
H									
HETATM	2649	C2	PRP	120	28.548	19.666	30.372	1.00	0.00
C									
HETATM	2650	H4	PRP	120	29.350	19.006	30.042	1.00	0.00
H									
HETATM	2651	O2	PRP	120	28.678	19.868	31.739	1.00	0.00
O									
HETATM	2652	H5	PRP	120	27.982	20.428	32.091	1.00	0.00
H									
HETATM	2653	C3	PRP	120	28.630	20.950	29.442	1.00	0.00
C									
HETATM	2654	H6	PRP	120	27.734	21.546	29.620	1.00	0.00
H									
HETATM	2655	H7	PRP	120	29.571	21.466	29.628	1.00	0.00
H									
HETATM	2656	H8	PRP	120	28.571	20.632	28.401	1.00	0.00
H									
HETATM	2657	O1	PRP	121	28.763	16.203	41.845	1.00	0.00
O									
HETATM	2658	H1	PRP	121	27.861	16.527	41.794	1.00	0.00
H									
HETATM	2659	C1	PRP	121	28.615	15.154	40.929	1.00	0.00
C									

HETATM	2660	H2	PRP	121	29.578	14.830	40.535	1.00	0.00
H									
HETATM	2661	H3	PRP	121	28.163	14.314	41.458	1.00	0.00
H									
HETATM	2662	C2	PRP	121	27.606	15.680	39.977	1.00	0.00
C									
HETATM	2663	H4	PRP	121	28.051	16.411	39.302	1.00	0.00
H									
HETATM	2664	O2	PRP	121	26.516	16.221	40.668	1.00	0.00
O									
HETATM	2665	H5	PRP	121	25.726	15.692	40.536	1.00	0.00
H									
HETATM	2666	C3	PRP	121	26.953	14.635	39.084	1.00	0.00
C									
HETATM	2667	H6	PRP	121	26.176	15.066	38.453	1.00	0.00
H									
HETATM	2668	H7	PRP	121	27.652	14.059	38.478	1.00	0.00
H									
HETATM	2669	H8	PRP	121	26.484	13.841	39.664	1.00	0.00
H									
HETATM	2670	O1	PRP	122	37.465	24.970	38.410	1.00	0.00
O									
HETATM	2671	H1	PRP	122	37.570	25.425	37.571	1.00	0.00
H									
HETATM	2672	C1	PRP	122	36.263	25.481	38.917	1.00	0.00
C									
HETATM	2673	H2	PRP	122	35.505	25.564	38.139	1.00	0.00
H									
HETATM	2674	H3	PRP	122	35.924	24.712	39.612	1.00	0.00
H									
HETATM	2675	C2	PRP	122	36.646	26.754	39.625	1.00	0.00
C									
HETATM	2676	H4	PRP	122	37.549	27.120	39.137	1.00	0.00
H									
HETATM	2677	O2	PRP	122	36.860	26.332	41.009	1.00	0.00
O									
HETATM	2678	H5	PRP	122	37.492	25.611	40.958	1.00	0.00
H									
HETATM	2679	C3	PRP	122	35.592	27.872	39.567	1.00	0.00
C									
HETATM	2680	H6	PRP	122	34.601	27.519	39.851	1.00	0.00
H									
HETATM	2681	H7	PRP	122	35.911	28.818	40.006	1.00	0.00
H									
HETATM	2682	H8	PRP	122	35.359	27.968	38.507	1.00	0.00
H									
HETATM	2683	O1	PRP	123	27.397	34.685	31.819	1.00	0.00
O									
HETATM	2684	H1	PRP	123	26.804	35.352	32.173	1.00	0.00
H									
HETATM	2685	C1	PRP	123	27.734	35.056	30.533	1.00	0.00
C									
HETATM	2686	H2	PRP	123	28.628	34.491	30.266	1.00	0.00
H									
HETATM	2687	H3	PRP	123	26.828	34.918	29.942	1.00	0.00
H									

HETATM	2688	C2	PRP	123	28.185	36.560	30.364	1.00	0.00
C									
HETATM	2689	H4	PRP	123	28.045	36.804	29.311	1.00	0.00
H									
HETATM	2690	O2	PRP	123	29.509	36.859	30.745	1.00	0.00
O									
HETATM	2691	H5	PRP	123	30.016	36.059	30.592	1.00	0.00
H									
HETATM	2692	C3	PRP	123	27.259	37.534	31.109	1.00	0.00
C									
HETATM	2693	H6	PRP	123	26.239	37.172	30.983	1.00	0.00
H									
HETATM	2694	H7	PRP	123	27.420	37.504	32.187	1.00	0.00
H									
HETATM	2695	H8	PRP	123	27.435	38.528	30.697	1.00	0.00
H									
HETATM	2696	O1	PRP	124	19.531	10.026	43.277	1.00	0.00
O									
HETATM	2697	H1	PRP	124	19.649	10.964	43.445	1.00	0.00
H									
HETATM	2698	C1	PRP	124	20.331	9.685	42.181	1.00	0.00
C									
HETATM	2699	H2	PRP	124	20.031	10.140	41.237	1.00	0.00
H									
HETATM	2700	H3	PRP	124	21.365	9.946	42.403	1.00	0.00
H									
HETATM	2701	C2	PRP	124	20.250	8.166	42.206	1.00	0.00
C									
HETATM	2702	H4	PRP	124	19.230	7.847	42.421	1.00	0.00
H									
HETATM	2703	O2	PRP	124	21.104	7.609	43.146	1.00	0.00
O									
HETATM	2704	H5	PRP	124	20.762	7.881	44.001	1.00	0.00
H									
HETATM	2705	C3	PRP	124	20.470	7.559	40.891	1.00	0.00
C									
HETATM	2706	H6	PRP	124	20.780	6.523	41.025	1.00	0.00
H									
HETATM	2707	H7	PRP	124	19.551	7.643	40.312	1.00	0.00
H									
HETATM	2708	H8	PRP	124	21.280	8.011	40.319	1.00	0.00
H									
HETATM	2709	O1	PRP	125	28.349	16.019	47.547	1.00	0.00
O									
HETATM	2710	H1	PRP	125	28.201	16.625	46.817	1.00	0.00
H									
HETATM	2711	C1	PRP	125	28.809	16.848	48.579	1.00	0.00
C									
HETATM	2712	H2	PRP	125	28.765	16.296	49.517	1.00	0.00
H									
HETATM	2713	H3	PRP	125	29.770	17.305	48.341	1.00	0.00
H									
HETATM	2714	C2	PRP	125	27.824	17.921	48.768	1.00	0.00
C									
HETATM	2715	H4	PRP	125	26.902	17.380	48.979	1.00	0.00
H									

HETATM	2716	O2	PRP	125	27.834	18.726	47.586	1.00	0.00
O									
HETATM	2717	H5	PRP	125	27.750	19.653	47.818	1.00	0.00
H									
HETATM	2718	C3	PRP	125	28.364	18.803	49.896	1.00	0.00
C									
HETATM	2719	H6	PRP	125	29.317	19.132	49.483	1.00	0.00
H									
HETATM	2720	H7	PRP	125	27.716	19.674	49.995	1.00	0.00
H									
HETATM	2721	H8	PRP	125	28.549	18.172	50.765	1.00	0.00
H									
HETATM	2722	O1	PRP	126	20.410	15.297	44.907	1.00	0.00
O									
HETATM	2723	H1	PRP	126	20.518	15.986	45.566	1.00	0.00
H									
HETATM	2724	C1	PRP	126	20.481	14.006	45.458	1.00	0.00
C									
HETATM	2725	H2	PRP	126	21.502	13.624	45.462	1.00	0.00
H									
HETATM	2726	H3	PRP	126	20.131	14.271	46.456	1.00	0.00
H									
HETATM	2727	C2	PRP	126	19.409	12.943	45.017	1.00	0.00
C									
HETATM	2728	H4	PRP	126	19.858	11.994	45.310	1.00	0.00
H									
HETATM	2729	O2	PRP	126	19.550	12.797	43.681	1.00	0.00
O									
HETATM	2730	H5	PRP	126	19.527	13.644	43.229	1.00	0.00
H									
HETATM	2731	C3	PRP	126	17.936	13.089	45.513	1.00	0.00
C									
HETATM	2732	H6	PRP	126	17.580	14.109	45.365	1.00	0.00
H									
HETATM	2733	H7	PRP	126	17.396	12.385	44.881	1.00	0.00
H									
HETATM	2734	H8	PRP	126	17.918	12.759	46.552	1.00	0.00
H									
HETATM	2735	O1	PRP	127	38.072	24.543	34.393	1.00	0.00
O									
HETATM	2736	H1	PRP	127	38.390	24.990	33.605	1.00	0.00
H									
HETATM	2737	C1	PRP	127	36.878	25.127	34.871	1.00	0.00
C									
HETATM	2738	H2	PRP	127	36.143	24.834	34.122	1.00	0.00
H									
HETATM	2739	H3	PRP	127	36.534	24.618	35.772	1.00	0.00
H									
HETATM	2740	C2	PRP	127	36.942	26.619	35.119	1.00	0.00
C									
HETATM	2741	H4	PRP	127	37.475	27.126	34.315	1.00	0.00
H									
HETATM	2742	O2	PRP	127	37.643	26.964	36.257	1.00	0.00
O									
HETATM	2743	H5	PRP	127	37.605	27.917	36.366	1.00	0.00
H									

HETATM	2744	C3	PRP	127	35.653	27.273	35.326	1.00	0.00
C									
HETATM	2745	H6	PRP	127	35.018	27.224	34.441	1.00	0.00
H									
HETATM	2746	H7	PRP	127	35.075	26.746	36.086	1.00	0.00
H									
HETATM	2747	H8	PRP	127	35.598	28.321	35.619	1.00	0.00
H									
HETATM	2748	O1	PRP	128	37.261	23.981	44.113	1.00	0.00
O									
HETATM	2749	H1	PRP	128	36.903	23.793	43.242	1.00	0.00
H									
HETATM	2750	C1	PRP	128	38.396	24.731	43.824	1.00	0.00
C									
HETATM	2751	H2	PRP	128	38.161	25.757	43.539	1.00	0.00
H									
HETATM	2752	H3	PRP	128	38.906	24.788	44.786	1.00	0.00
H									
HETATM	2753	C2	PRP	128	39.289	24.074	42.729	1.00	0.00
C									
HETATM	2754	H4	PRP	128	40.192	24.682	42.774	1.00	0.00
H									
HETATM	2755	O2	PRP	128	38.717	24.345	41.438	1.00	0.00
O									
HETATM	2756	H5	PRP	128	39.103	23.713	40.827	1.00	0.00
H									
HETATM	2757	C3	PRP	128	39.546	22.573	42.997	1.00	0.00
C									
HETATM	2758	H6	PRP	128	39.626	22.490	44.081	1.00	0.00
H									
HETATM	2759	H7	PRP	128	38.740	22.037	42.496	1.00	0.00
H									
HETATM	2760	H8	PRP	128	40.448	22.296	42.452	1.00	0.00
H									
HETATM	2761	O1	PRP	129	17.899	28.465	41.768	1.00	0.00
O									
HETATM	2762	H1	PRP	129	18.780	28.349	42.131	1.00	0.00
H									
HETATM	2763	C1	PRP	129	17.324	27.220	42.026	1.00	0.00
C									
HETATM	2764	H2	PRP	129	16.476	26.939	41.400	1.00	0.00
H									
HETATM	2765	H3	PRP	129	17.963	26.353	41.860	1.00	0.00
H									
HETATM	2766	C2	PRP	129	16.968	27.209	43.497	1.00	0.00
C									
HETATM	2767	H4	PRP	129	16.366	28.055	43.829	1.00	0.00
H									
HETATM	2768	O2	PRP	129	18.209	27.135	44.243	1.00	0.00
O									
HETATM	2769	H5	PRP	129	18.005	26.962	45.166	1.00	0.00
H									
HETATM	2770	C3	PRP	129	16.118	25.972	43.838	1.00	0.00
C									
HETATM	2771	H6	PRP	129	15.310	25.844	43.118	1.00	0.00
H									

HETATM	2772	H7	PRP	129	16.734	25.084	43.983	1.00	0.00
H									
HETATM	2773	H8	PRP	129	15.589	26.229	44.755	1.00	0.00
H									
HETATM	2774	O1	PRP	130	30.107	15.129	32.454	1.00	0.00
O									
HETATM	2775	H1	PRP	130	29.754	14.652	33.208	1.00	0.00
H									
HETATM	2776	C1	PRP	130	30.093	16.438	33.045	1.00	0.00
C									
HETATM	2777	H2	PRP	130	31.060	16.560	33.534	1.00	0.00
H									
HETATM	2778	H3	PRP	130	30.058	17.149	32.219	1.00	0.00
H									
HETATM	2779	C2	PRP	130	28.835	16.506	33.940	1.00	0.00
C									
HETATM	2780	H4	PRP	130	28.823	17.348	34.632	1.00	0.00
H									
HETATM	2781	O2	PRP	130	28.784	15.263	34.644	1.00	0.00
O									
HETATM	2782	H5	PRP	130	27.891	15.130	34.970	1.00	0.00
H									
HETATM	2783	C3	PRP	130	27.455	16.464	33.130	1.00	0.00
C									
HETATM	2784	H6	PRP	130	27.402	15.601	32.466	1.00	0.00
H									
HETATM	2785	H7	PRP	130	26.650	16.635	33.844	1.00	0.00
H									
HETATM	2786	H8	PRP	130	27.320	17.271	32.410	1.00	0.00
H									
HETATM	2787	O1	PRP	131	26.295	24.511	27.902	1.00	0.00
O									
HETATM	2788	H1	PRP	131	26.782	25.233	28.304	1.00	0.00
H									
HETATM	2789	C1	PRP	131	24.966	24.492	28.371	1.00	0.00
C									
HETATM	2790	H2	PRP	131	24.493	23.510	28.365	1.00	0.00
H									
HETATM	2791	H3	PRP	131	25.075	24.935	29.361	1.00	0.00
H									
HETATM	2792	C2	PRP	131	24.071	25.420	27.528	1.00	0.00
C									
HETATM	2793	H4	PRP	131	23.876	24.965	26.557	1.00	0.00
H									
HETATM	2794	O2	PRP	131	24.707	26.654	27.313	1.00	0.00
O									
HETATM	2795	H5	PRP	131	25.664	26.647	27.240	1.00	0.00
H									
HETATM	2796	C3	PRP	131	22.845	25.682	28.296	1.00	0.00
C									
HETATM	2797	H6	PRP	131	22.191	26.148	27.558	1.00	0.00
H									
HETATM	2798	H7	PRP	131	22.425	24.688	28.451	1.00	0.00
H									
HETATM	2799	H8	PRP	131	23.188	26.185	29.199	1.00	0.00
H									

HETATM	2800	O1	PRP	132	38.546	23.319	46.731	1.00	0.00
O									
HETATM	2801	H1	PRP	132	38.028	23.391	45.927	1.00	0.00
H									
HETATM	2802	C1	PRP	132	37.773	24.086	47.659	1.00	0.00
C									
HETATM	2803	H2	PRP	132	37.413	24.949	47.097	1.00	0.00
H									
HETATM	2804	H3	PRP	132	36.872	23.559	47.972	1.00	0.00
H									
HETATM	2805	C2	PRP	132	38.687	24.583	48.839	1.00	0.00
C									
HETATM	2806	H4	PRP	132	38.059	25.203	49.479	1.00	0.00
H									
HETATM	2807	O2	PRP	132	39.754	25.292	48.302	1.00	0.00
O									
HETATM	2808	H5	PRP	132	40.008	24.860	47.484	1.00	0.00
H									
HETATM	2809	C3	PRP	132	39.125	23.488	49.787	1.00	0.00
C									
HETATM	2810	H6	PRP	132	38.257	23.090	50.313	1.00	0.00
H									
HETATM	2811	H7	PRP	132	39.682	22.663	49.343	1.00	0.00
H									
HETATM	2812	H8	PRP	132	39.882	23.994	50.386	1.00	0.00
H									
HETATM	2813	O1	PRP	133	47.602	26.658	35.192	1.00	0.00
O									
HETATM	2814	H1	PRP	133	47.704	27.611	35.141	1.00	0.00
H									
HETATM	2815	C1	PRP	133	48.889	26.114	35.623	1.00	0.00
C									
HETATM	2816	H2	PRP	133	48.997	25.093	35.255	1.00	0.00
H									
HETATM	2817	H3	PRP	133	49.696	26.728	35.224	1.00	0.00
H									
HETATM	2818	C2	PRP	133	48.876	26.278	37.140	1.00	0.00
C									
HETATM	2819	H4	PRP	133	48.038	25.787	37.633	1.00	0.00
H									
HETATM	2820	O2	PRP	133	49.032	27.611	37.564	1.00	0.00
O									
HETATM	2821	H5	PRP	133	48.264	27.888	38.069	1.00	0.00
H									
HETATM	2822	C3	PRP	133	50.100	25.549	37.714	1.00	0.00
C									
HETATM	2823	H6	PRP	133	50.060	25.303	38.775	1.00	0.00
H									
HETATM	2824	H7	PRP	133	50.088	24.522	37.348	1.00	0.00
H									
HETATM	2825	H8	PRP	133	50.993	26.049	37.337	1.00	0.00
H									
HETATM	2826	O1	PRP	134	32.628	3.628	39.154	1.00	0.00
O									
HETATM	2827	H1	PRP	134	33.019	2.887	38.685	1.00	0.00
H									

HETATM	2828	C1	PRP	134	31.995	4.492	38.180	1.00	0.00
C									
HETATM	2829	H2	PRP	134	31.213	4.017	37.588	1.00	0.00
H									
HETATM	2830	H3	PRP	134	31.557	5.326	38.729	1.00	0.00
H									
HETATM	2831	C2	PRP	134	33.147	5.133	37.355	1.00	0.00
C									
HETATM	2832	H4	PRP	134	32.700	5.873	36.691	1.00	0.00
H									
HETATM	2833	O2	PRP	134	33.740	4.128	36.476	1.00	0.00
O									
HETATM	2834	H5	PRP	134	34.240	3.514	37.018	1.00	0.00
H									
HETATM	2835	C3	PRP	134	34.115	5.795	38.339	1.00	0.00
C									
HETATM	2836	H6	PRP	134	34.727	5.097	38.910	1.00	0.00
H									
HETATM	2837	H7	PRP	134	34.811	6.403	37.761	1.00	0.00
H									
HETATM	2838	H8	PRP	134	33.541	6.425	39.019	1.00	0.00
H									
HETATM	2839	O1	PRP	135	33.757	-2.534	37.935	1.00	0.00
O									
HETATM	2840	H1	PRP	135	33.393	-1.919	37.293	1.00	0.00
H									
HETATM	2841	C1	PRP	135	33.276	-3.865	37.798	1.00	0.00
C									
HETATM	2842	H2	PRP	135	33.880	-4.468	38.477	1.00	0.00
H									
HETATM	2843	H3	PRP	135	32.250	-3.957	38.154	1.00	0.00
H									
HETATM	2844	C2	PRP	135	33.431	-4.304	36.301	1.00	0.00
C									
HETATM	2845	H4	PRP	135	34.463	-4.103	36.016	1.00	0.00
H									
HETATM	2846	O2	PRP	135	32.595	-3.606	35.399	1.00	0.00
O									
HETATM	2847	H5	PRP	135	33.005	-3.722	34.539	1.00	0.00
H									
HETATM	2848	C3	PRP	135	33.102	-5.773	36.321	1.00	0.00
C									
HETATM	2849	H6	PRP	135	33.786	-6.377	36.916	1.00	0.00
H									
HETATM	2850	H7	PRP	135	32.085	-5.904	36.692	1.00	0.00
H									
HETATM	2851	H8	PRP	135	33.261	-6.138	35.307	1.00	0.00
H									
HETATM	2852	O1	PRP	136	22.179	19.268	27.428	1.00	0.00
O									
HETATM	2853	H1	PRP	136	22.360	19.399	26.494	1.00	0.00
H									
HETATM	2854	C1	PRP	136	21.907	17.892	27.571	1.00	0.00
C									
HETATM	2855	H2	PRP	136	21.760	17.766	28.644	1.00	0.00
H									

HETATM	2856	H3	PRP	136	21.057	17.581	26.965	1.00	0.00
H									
HETATM	2857	C2	PRP	136	23.170	17.091	27.175	1.00	0.00
C									
HETATM	2858	H4	PRP	136	24.066	17.630	27.481	1.00	0.00
H									
HETATM	2859	O2	PRP	136	23.124	16.898	25.750	1.00	0.00
O									
HETATM	2860	H5	PRP	136	23.145	17.783	25.378	1.00	0.00
H									
HETATM	2861	C3	PRP	136	23.223	15.649	27.634	1.00	0.00
C									
HETATM	2862	H6	PRP	136	22.213	15.252	27.531	1.00	0.00
H									
HETATM	2863	H7	PRP	136	23.868	15.011	27.031	1.00	0.00
H									
HETATM	2864	H8	PRP	136	23.538	15.663	28.677	1.00	0.00
H									
HETATM	2865	O1	PRP	137	50.330	10.291	31.867	1.00	0.00
O									
HETATM	2866	H1	PRP	137	49.723	10.460	32.592	1.00	0.00
H									
HETATM	2867	C1	PRP	137	49.983	9.028	31.465	1.00	0.00
C									
HETATM	2868	H2	PRP	137	50.504	8.932	30.512	1.00	0.00
H									
HETATM	2869	H3	PRP	137	50.417	8.201	32.027	1.00	0.00
H									
HETATM	2870	C2	PRP	137	48.440	8.956	31.341	1.00	0.00
C									
HETATM	2871	H4	PRP	137	48.156	9.885	30.846	1.00	0.00
H									
HETATM	2872	O2	PRP	137	47.940	9.016	32.631	1.00	0.00
O									
HETATM	2873	H5	PRP	137	48.410	8.360	33.151	1.00	0.00
H									
HETATM	2874	C3	PRP	137	48.010	7.669	30.623	1.00	0.00
C									
HETATM	2875	H6	PRP	137	46.950	7.526	30.834	1.00	0.00
H									
HETATM	2876	H7	PRP	137	48.289	7.764	29.574	1.00	0.00
H									
HETATM	2877	H8	PRP	137	48.526	6.794	31.020	1.00	0.00
H									
HETATM	2878	O1	PRP	138	48.254	13.867	51.457	1.00	0.00
O									
HETATM	2879	H1	PRP	138	48.154	14.665	50.933	1.00	0.00
H									
HETATM	2880	C1	PRP	138	47.299	13.925	52.471	1.00	0.00
C									
HETATM	2881	H2	PRP	138	46.382	13.508	52.054	1.00	0.00
H									
HETATM	2882	H3	PRP	138	47.506	13.278	53.323	1.00	0.00
H									
HETATM	2883	C2	PRP	138	47.029	15.376	52.879	1.00	0.00
C									

HETATM	2884	H4	PRP	138	46.201	15.429	53.586	1.00	0.00
H									
HETATM	2885	O2	PRP	138	46.706	16.139	51.677	1.00	0.00
O									
HETATM	2886	H5	PRP	138	47.035	17.034	51.793	1.00	0.00
H									
HETATM	2887	C3	PRP	138	48.241	16.025	53.558	1.00	0.00
C									
HETATM	2888	H6	PRP	138	49.165	15.858	53.004	1.00	0.00
H									
HETATM	2889	H7	PRP	138	48.221	17.114	53.508	1.00	0.00
H									
HETATM	2890	H8	PRP	138	48.391	15.783	54.610	1.00	0.00
H									
HETATM	2891	O1	PRP	139	46.602	26.677	41.977	1.00	0.00
O									
HETATM	2892	H1	PRP	139	46.833	26.230	42.794	1.00	0.00
H									
HETATM	2893	C1	PRP	139	47.800	27.292	41.640	1.00	0.00
C									
HETATM	2894	H2	PRP	139	47.776	27.831	40.692	1.00	0.00
H									
HETATM	2895	H3	PRP	139	47.905	27.989	42.471	1.00	0.00
H									
HETATM	2896	C2	PRP	139	48.956	26.294	41.754	1.00	0.00
C									
HETATM	2897	H4	PRP	139	48.720	25.435	41.125	1.00	0.00
H									
HETATM	2898	O2	PRP	139	49.168	26.017	43.137	1.00	0.00
O									
HETATM	2899	H5	PRP	139	49.731	25.250	43.262	1.00	0.00
H									
HETATM	2900	C3	PRP	139	50.255	27.034	41.274	1.00	0.00
C									
HETATM	2901	H6	PRP	139	51.066	26.311	41.189	1.00	0.00
H									
HETATM	2902	H7	PRP	139	50.132	27.326	40.231	1.00	0.00
H									
HETATM	2903	H8	PRP	139	50.415	27.957	41.830	1.00	0.00
H									
HETATM	2904	O1	PRP	140	21.384	-5.425	29.567	1.00	0.00
O									
HETATM	2905	H1	PRP	140	21.402	-5.701	28.647	1.00	0.00
H									
HETATM	2906	C1	PRP	140	21.894	-4.078	29.497	1.00	0.00
C									
HETATM	2907	H2	PRP	140	22.982	-4.119	29.437	1.00	0.00
H									
HETATM	2908	H3	PRP	140	21.513	-3.539	28.629	1.00	0.00
H									
HETATM	2909	C2	PRP	140	21.606	-3.274	30.776	1.00	0.00
C									
HETATM	2910	H4	PRP	140	22.176	-2.356	30.630	1.00	0.00
H									
HETATM	2911	O2	PRP	140	22.013	-4.052	31.981	1.00	0.00
O									

HETATM	2912	H5	PRP	140	21.652	-4.940	31.920	1.00	0.00
H									
HETATM	2913	C3	PRP	140	20.148	-2.889	31.111	1.00	0.00
C									
HETATM	2914	H6	PRP	140	19.371	-3.623	30.902	1.00	0.00
H									
HETATM	2915	H7	PRP	140	20.016	-2.652	32.167	1.00	0.00
H									
HETATM	2916	H8	PRP	140	19.884	-2.000	30.538	1.00	0.00
H									
HETATM	2917	O1	PRP	141	32.852	-3.759	24.137	1.00	0.00
O									
HETATM	2918	H1	PRP	141	32.085	-3.627	24.699	1.00	0.00
H									
HETATM	2919	C1	PRP	141	34.060	-4.059	24.796	1.00	0.00
C									
HETATM	2920	H2	PRP	141	34.832	-4.230	24.046	1.00	0.00
H									
HETATM	2921	H3	PRP	141	34.382	-3.200	25.385	1.00	0.00
H									
HETATM	2922	C2	PRP	141	33.838	-5.281	25.622	1.00	0.00
C									
HETATM	2923	H4	PRP	141	33.378	-6.119	25.098	1.00	0.00
H									
HETATM	2924	O2	PRP	141	32.967	-4.873	26.698	1.00	0.00
O									
HETATM	2925	H5	PRP	141	32.221	-4.375	26.356	1.00	0.00
H									
HETATM	2926	C3	PRP	141	35.074	-5.863	26.420	1.00	0.00
C									
HETATM	2927	H6	PRP	141	34.658	-6.521	27.183	1.00	0.00
H									
HETATM	2928	H7	PRP	141	35.648	-6.424	25.682	1.00	0.00
H									
HETATM	2929	H8	PRP	141	35.527	-4.925	26.740	1.00	0.00
H									
HETATM	2930	O1	PRP	142	31.135	9.448	32.933	1.00	0.00
O									
HETATM	2931	H1	PRP	142	30.197	9.482	32.728	1.00	0.00
H									
HETATM	2932	C1	PRP	142	31.318	8.179	33.439	1.00	0.00
C									
HETATM	2933	H2	PRP	142	30.435	7.908	34.019	1.00	0.00
H									
HETATM	2934	H3	PRP	142	31.584	7.422	32.702	1.00	0.00
H									
HETATM	2935	C2	PRP	142	32.446	8.233	34.561	1.00	0.00
C									
HETATM	2936	H4	PRP	142	32.380	7.405	35.266	1.00	0.00
H									
HETATM	2937	O2	PRP	142	32.085	9.317	35.405	1.00	0.00
O									
HETATM	2938	H5	PRP	142	31.816	9.947	34.733	1.00	0.00
H									
HETATM	2939	C3	PRP	142	33.877	8.339	34.116	1.00	0.00
C									

HETATM	2940	H6	PRP	142	34.132	9.309	33.691	1.00	0.00
H									
HETATM	2941	H7	PRP	142	34.447	8.318	35.045	1.00	0.00
H									
HETATM	2942	H8	PRP	142	34.136	7.473	33.505	1.00	0.00
H									
HETATM	2943	O1	PRP	143	33.204	8.817	37.662	1.00	0.00
O									
HETATM	2944	H1	PRP	143	32.945	8.920	36.744	1.00	0.00
H									
HETATM	2945	C1	PRP	143	34.546	9.210	37.840	1.00	0.00
C									
HETATM	2946	H2	PRP	143	34.881	8.910	38.833	1.00	0.00
H									
HETATM	2947	H3	PRP	143	35.145	8.680	37.100	1.00	0.00
H									
HETATM	2948	C2	PRP	143	34.840	10.728	37.643	1.00	0.00
C									
HETATM	2949	H4	PRP	143	34.091	11.245	38.244	1.00	0.00
H									
HETATM	2950	O2	PRP	143	34.618	11.139	36.335	1.00	0.00
O									
HETATM	2951	H5	PRP	143	33.663	11.187	36.250	1.00	0.00
H									
HETATM	2952	C3	PRP	143	36.306	11.169	37.888	1.00	0.00
C									
HETATM	2953	H6	PRP	143	36.548	12.174	37.544	1.00	0.00
H									
HETATM	2954	H7	PRP	143	36.448	11.157	38.969	1.00	0.00
H									
HETATM	2955	H8	PRP	143	37.051	10.562	37.374	1.00	0.00
H									
HETATM	2956	O1	PRP	144	37.915	17.951	35.603	1.00	0.00
O									
HETATM	2957	H1	PRP	144	37.232	17.455	36.061	1.00	0.00
H									
HETATM	2958	C1	PRP	144	39.019	17.996	36.517	1.00	0.00
C									
HETATM	2959	H2	PRP	144	38.667	18.706	37.266	1.00	0.00
H									
HETATM	2960	H3	PRP	144	39.285	17.032	36.950	1.00	0.00
H									
HETATM	2961	C2	PRP	144	40.275	18.451	35.733	1.00	0.00
C									
HETATM	2962	H4	PRP	144	40.291	19.528	35.901	1.00	0.00
H									
HETATM	2963	O2	PRP	144	40.240	18.054	34.389	1.00	0.00
O									
HETATM	2964	H5	PRP	144	39.309	18.105	34.158	1.00	0.00
H									
HETATM	2965	C3	PRP	144	41.544	17.895	36.321	1.00	0.00
C									
HETATM	2966	H6	PRP	144	41.760	18.329	37.298	1.00	0.00
H									
HETATM	2967	H7	PRP	144	41.418	16.820	36.449	1.00	0.00
H									

HETATM	2968	H8	PRP	144	42.366	18.153	35.654	1.00	0.00
H									
HETATM	2969	O1	PRP	145	44.031	8.841	45.699	1.00	0.00
O									
HETATM	2970	H1	PRP	145	43.794	7.912	45.742	1.00	0.00
H									
HETATM	2971	C1	PRP	145	44.007	9.094	44.309	1.00	0.00
C									
HETATM	2972	H2	PRP	145	43.851	10.169	44.229	1.00	0.00
H									
HETATM	2973	H3	PRP	145	44.945	8.812	43.831	1.00	0.00
H									
HETATM	2974	C2	PRP	145	42.870	8.385	43.589	1.00	0.00
C									
HETATM	2975	H4	PRP	145	41.911	8.735	43.971	1.00	0.00
H									
HETATM	2976	O2	PRP	145	42.940	7.003	43.963	1.00	0.00
O									
HETATM	2977	H5	PRP	145	42.370	6.434	43.441	1.00	0.00
H									
HETATM	2978	C3	PRP	145	42.824	8.543	42.056	1.00	0.00
C									
HETATM	2979	H6	PRP	145	43.793	8.244	41.656	1.00	0.00
H									
HETATM	2980	H7	PRP	145	42.128	7.814	41.643	1.00	0.00
H									
HETATM	2981	H8	PRP	145	42.442	9.541	41.840	1.00	0.00
H									
HETATM	2982	O1	PRP	146	49.092	6.485	34.398	1.00	0.00
O									
HETATM	2983	H1	PRP	146	49.064	5.526	34.370	1.00	0.00
H									
HETATM	2984	C1	PRP	146	48.594	6.825	35.709	1.00	0.00
C									
HETATM	2985	H2	PRP	146	49.365	6.464	36.390	1.00	0.00
H									
HETATM	2986	H3	PRP	146	48.520	7.910	35.772	1.00	0.00
H									
HETATM	2987	C2	PRP	146	47.176	6.219	35.838	1.00	0.00
C									
HETATM	2988	H4	PRP	146	46.907	6.308	36.891	1.00	0.00
H									
HETATM	2989	O2	PRP	146	47.277	4.828	35.556	1.00	0.00
O									
HETATM	2990	H5	PRP	146	47.736	4.490	36.328	1.00	0.00
H									
HETATM	2991	C3	PRP	146	46.130	6.836	34.966	1.00	0.00
C									
HETATM	2992	H6	PRP	146	46.052	7.897	35.200	1.00	0.00
H									
HETATM	2993	H7	PRP	146	46.273	6.588	33.914	1.00	0.00
H									
HETATM	2994	H8	PRP	146	45.189	6.435	35.343	1.00	0.00
H									
HETATM	2995	O1	PRP	147	39.649	28.311	43.716	1.00	0.00
O									

HETATM	2996	H1	PRP	147	38.699	28.183	43.765	1.00	0.00
H									
HETATM	2997	C1	PRP	147	40.043	28.934	42.480	1.00	0.00
C									
HETATM	2998	H2	PRP	147	39.297	29.676	42.198	1.00	0.00
H									
HETATM	2999	H3	PRP	147	41.030	29.396	42.506	1.00	0.00
H									
HETATM	3000	C2	PRP	147	40.112	27.803	41.359	1.00	0.00
C									
HETATM	3001	H4	PRP	147	39.283	27.100	41.437	1.00	0.00
H									
HETATM	3002	O2	PRP	147	41.243	27.015	41.532	1.00	0.00
O									
HETATM	3003	H5	PRP	147	41.315	26.296	40.901	1.00	0.00
H									
HETATM	3004	C3	PRP	147	40.153	28.449	39.963	1.00	0.00
C									
HETATM	3005	H6	PRP	147	40.828	29.303	39.915	1.00	0.00
H									
HETATM	3006	H7	PRP	147	40.271	27.737	39.146	1.00	0.00
H									
HETATM	3007	H8	PRP	147	39.181	28.875	39.713	1.00	0.00
H									
HETATM	3008	O1	PRP	148	37.216	25.455	31.037	1.00	0.00
O									
HETATM	3009	H1	PRP	148	36.643	24.816	31.466	1.00	0.00
H									
HETATM	3010	C1	PRP	148	38.212	24.735	30.376	1.00	0.00
C									
HETATM	3011	H2	PRP	148	38.376	23.737	30.783	1.00	0.00
H									
HETATM	3012	H3	PRP	148	37.827	24.675	29.358	1.00	0.00
H									
HETATM	3013	C2	PRP	148	39.533	25.619	30.345	1.00	0.00
C									
HETATM	3014	H4	PRP	148	40.126	25.202	31.159	1.00	0.00
H									
HETATM	3015	O2	PRP	148	39.146	26.997	30.324	1.00	0.00
O									
HETATM	3016	H5	PRP	148	38.189	26.953	30.263	1.00	0.00
H									
HETATM	3017	C3	PRP	148	40.399	25.401	29.053	1.00	0.00
C									
HETATM	3018	H6	PRP	148	41.205	26.114	28.885	1.00	0.00
H									
HETATM	3019	H7	PRP	148	40.736	24.366	29.103	1.00	0.00
H									
HETATM	3020	H8	PRP	148	39.815	25.542	28.144	1.00	0.00
H									
HETATM	3021	O1	PRP	149	42.783	37.522	32.912	1.00	0.00
O									
HETATM	3022	H1	PRP	149	43.374	36.889	33.326	1.00	0.00
H									
HETATM	3023	C1	PRP	149	43.485	38.055	31.783	1.00	0.00
C									

HETATM	3024	H2	PRP	149	43.299	37.435	30.907	1.00	0.00
H									
HETATM	3025	H3	PRP	149	43.047	39.015	31.508	1.00	0.00
H									
HETATM	3026	C2	PRP	149	45.023	38.072	32.088	1.00	0.00
C									
HETATM	3027	H4	PRP	149	45.627	38.551	31.317	1.00	0.00
H									
HETATM	3028	O2	PRP	149	45.405	36.731	32.223	1.00	0.00
O									
HETATM	3029	H5	PRP	149	46.338	36.632	32.425	1.00	0.00
H									
HETATM	3030	C3	PRP	149	45.358	38.823	33.375	1.00	0.00
C									
HETATM	3031	H6	PRP	149	46.445	38.818	33.457	1.00	0.00
H									
HETATM	3032	H7	PRP	149	44.963	39.838	33.344	1.00	0.00
H									
HETATM	3033	H8	PRP	149	44.948	38.275	34.223	1.00	0.00
H									
HETATM	3034	O1	PRP	150	40.532	25.288	35.995	1.00	0.00
O									
HETATM	3035	H1	PRP	150	39.624	25.479	35.751	1.00	0.00
H									
HETATM	3036	C1	PRP	150	41.297	25.656	34.932	1.00	0.00
C									
HETATM	3037	H2	PRP	150	42.373	25.589	35.093	1.00	0.00
H									
HETATM	3038	H3	PRP	150	41.104	24.858	34.216	1.00	0.00
H									
HETATM	3039	C2	PRP	150	41.053	27.010	34.288	1.00	0.00
C									
HETATM	3040	H4	PRP	150	40.863	27.805	35.009	1.00	0.00
H									
HETATM	3041	O2	PRP	150	39.902	26.772	33.509	1.00	0.00
O									
HETATM	3042	H5	PRP	150	39.929	27.409	32.791	1.00	0.00
H									
HETATM	3043	C3	PRP	150	42.148	27.550	33.349	1.00	0.00
C									
HETATM	3044	H6	PRP	150	42.167	27.027	32.393	1.00	0.00
H									
HETATM	3045	H7	PRP	150	41.837	28.594	33.306	1.00	0.00
H									
HETATM	3046	H8	PRP	150	43.129	27.460	33.816	1.00	0.00
H									
HETATM	3047	O1	PRP	151	41.143	24.774	25.438	1.00	0.00
O									
HETATM	3048	H1	PRP	151	41.373	23.862	25.627	1.00	0.00
H									
HETATM	3049	C1	PRP	151	42.237	25.578	25.824	1.00	0.00
C									
HETATM	3050	H2	PRP	151	42.696	25.196	26.736	1.00	0.00
H									
HETATM	3051	H3	PRP	151	43.006	25.456	25.061	1.00	0.00
H									

HETATM	3052	C2	PRP	151	41.710	27.027	26.116	1.00	0.00
C									
HETATM	3053	H4	PRP	151	40.780	26.933	26.676	1.00	0.00
H									
HETATM	3054	O2	PRP	151	41.400	27.874	24.956	1.00	0.00
O									
HETATM	3055	H5	PRP	151	42.006	27.599	24.264	1.00	0.00
H									
HETATM	3056	C3	PRP	151	42.755	27.800	26.945	1.00	0.00
C									
HETATM	3057	H6	PRP	151	43.212	27.187	27.722	1.00	0.00
H									
HETATM	3058	H7	PRP	151	43.574	28.121	26.301	1.00	0.00
H									
HETATM	3059	H8	PRP	151	42.442	28.656	27.542	1.00	0.00
H									
HETATM	3060	O1	PRP	152	42.691	19.933	30.125	1.00	0.00
O									
HETATM	3061	H1	PRP	152	41.928	19.350	30.127	1.00	0.00
H									
HETATM	3062	C1	PRP	152	43.333	19.663	31.411	1.00	0.00
C									
HETATM	3063	H2	PRP	152	43.730	18.648	31.416	1.00	0.00
H									
HETATM	3064	H3	PRP	152	44.104	20.423	31.538	1.00	0.00
H									
HETATM	3065	C2	PRP	152	42.272	19.903	32.418	1.00	0.00
C									
HETATM	3066	H4	PRP	152	42.633	19.597	33.400	1.00	0.00
H									
HETATM	3067	O2	PRP	152	41.185	19.120	32.039	1.00	0.00
O									
HETATM	3068	H5	PRP	152	40.718	18.931	32.857	1.00	0.00
H									
HETATM	3069	C3	PRP	152	41.856	21.345	32.584	1.00	0.00
C									
HETATM	3070	H6	PRP	152	41.008	21.508	33.250	1.00	0.00
H									
HETATM	3071	H7	PRP	152	42.697	21.926	32.963	1.00	0.00
H									
HETATM	3072	H8	PRP	152	41.610	21.672	31.573	1.00	0.00
H									
HETATM	3073	O1	PRP	153	44.370	48.140	42.275	1.00	0.00
O									
HETATM	3074	H1	PRP	153	44.306	48.751	43.013	1.00	0.00
H									
HETATM	3075	C1	PRP	153	44.527	46.873	42.941	1.00	0.00
C									
HETATM	3076	H2	PRP	153	44.298	46.147	42.161	1.00	0.00
H									
HETATM	3077	H3	PRP	153	45.540	46.658	43.281	1.00	0.00
H									
HETATM	3078	C2	PRP	153	43.529	46.679	44.068	1.00	0.00
C									
HETATM	3079	H4	PRP	153	42.524	46.796	43.663	1.00	0.00
H									

HETATM	3080	O2	PRP	153	43.722	47.648	45.073	1.00	0.00
O									
HETATM	3081	H5	PRP	153	43.051	47.524	45.749	1.00	0.00
H									
HETATM	3082	C3	PRP	153	43.828	45.327	44.683	1.00	0.00
C									
HETATM	3083	H6	PRP	153	44.843	45.228	45.066	1.00	0.00
H									
HETATM	3084	H7	PRP	153	43.072	45.122	45.441	1.00	0.00
H									
HETATM	3085	H8	PRP	153	43.684	44.581	43.902	1.00	0.00
H									
HETATM	3086	O1	PRP	154	36.633	31.228	41.124	1.00	0.00
O									
HETATM	3087	H1	PRP	154	36.285	30.723	41.863	1.00	0.00
H									
HETATM	3088	C1	PRP	154	37.191	32.346	41.564	1.00	0.00
C									
HETATM	3089	H2	PRP	154	36.321	32.918	41.886	1.00	0.00
H									
HETATM	3090	H3	PRP	154	37.811	32.029	42.403	1.00	0.00
H									
HETATM	3091	C2	PRP	154	37.986	33.022	40.431	1.00	0.00
C									
HETATM	3092	H4	PRP	154	38.364	33.980	40.789	1.00	0.00
H									
HETATM	3093	O2	PRP	154	36.982	33.084	39.352	1.00	0.00
O									
HETATM	3094	H5	PRP	154	36.629	32.221	39.125	1.00	0.00
H									
HETATM	3095	C3	PRP	154	39.146	32.136	39.837	1.00	0.00
C									
HETATM	3096	H6	PRP	154	38.781	31.205	39.403	1.00	0.00
H									
HETATM	3097	H7	PRP	154	39.704	32.753	39.132	1.00	0.00
H									
HETATM	3098	H8	PRP	154	39.758	31.719	40.637	1.00	0.00
H									
HETATM	3099	O1	PRP	155	39.985	45.363	42.033	1.00	0.00
O									
HETATM	3100	H1	PRP	155	40.390	45.975	41.414	1.00	0.00
H									
HETATM	3101	C1	PRP	155	40.886	44.307	42.116	1.00	0.00
C									
HETATM	3102	H2	PRP	155	41.887	44.657	42.367	1.00	0.00
H									
HETATM	3103	H3	PRP	155	40.561	43.566	42.847	1.00	0.00
H									
HETATM	3104	C2	PRP	155	40.995	43.618	40.766	1.00	0.00
C									
HETATM	3105	H4	PRP	155	41.169	44.301	39.935	1.00	0.00
H									
HETATM	3106	O2	PRP	155	39.752	42.932	40.624	1.00	0.00
O									
HETATM	3107	H5	PRP	155	39.041	43.577	40.636	1.00	0.00
H									

HETATM	3108	C3	PRP	155	41.967	42.430	40.777	1.00	0.00
C									
HETATM	3109	H6	PRP	155	41.620	41.605	41.399	1.00	0.00
H									
HETATM	3110	H7	PRP	155	42.082	42.022	39.773	1.00	0.00
H									
HETATM	3111	H8	PRP	155	42.956	42.737	41.120	1.00	0.00
H									
HETATM	3112	O1	PRP	156	36.379	32.316	35.943	1.00	0.00
O									
HETATM	3113	H1	PRP	156	36.311	32.404	34.989	1.00	0.00
H									
HETATM	3114	C1	PRP	156	37.712	32.062	36.369	1.00	0.00
C									
HETATM	3115	H2	PRP	156	38.372	32.810	35.928	1.00	0.00
H									
HETATM	3116	H3	PRP	156	37.739	32.195	37.450	1.00	0.00
H									
HETATM	3117	C2	PRP	156	38.166	30.693	36.003	1.00	0.00
C									
HETATM	3118	H4	PRP	156	37.813	30.424	35.007	1.00	0.00
H									
HETATM	3119	O2	PRP	156	37.720	29.745	36.924	1.00	0.00
O									
HETATM	3120	H5	PRP	156	36.809	29.921	37.171	1.00	0.00
H									
HETATM	3121	C3	PRP	156	39.693	30.660	36.209	1.00	0.00
C									
HETATM	3122	H6	PRP	156	40.140	31.434	35.586	1.00	0.00
H									
HETATM	3123	H7	PRP	156	39.973	30.897	37.236	1.00	0.00
H									
HETATM	3124	H8	PRP	156	40.101	29.667	36.016	1.00	0.00
H									
HETATM	3125	O1	PRP	157	51.645	29.248	27.957	1.00	0.00
O									
HETATM	3126	H1	PRP	157	50.803	29.471	27.553	1.00	0.00
H									
HETATM	3127	C1	PRP	157	52.481	29.122	26.822	1.00	0.00
C									
HETATM	3128	H2	PRP	157	52.456	30.049	26.250	1.00	0.00
H									
HETATM	3129	H3	PRP	157	53.518	29.029	27.147	1.00	0.00
H									
HETATM	3130	C2	PRP	157	52.155	28.009	25.911	1.00	0.00
C									
HETATM	3131	H4	PRP	157	52.929	27.971	25.145	1.00	0.00
H									
HETATM	3132	O2	PRP	157	50.939	28.285	25.374	1.00	0.00
O									
HETATM	3133	H5	PRP	157	50.568	27.570	24.852	1.00	0.00
H									
HETATM	3134	C3	PRP	157	51.982	26.644	26.718	1.00	0.00
C									
HETATM	3135	H6	PRP	157	52.820	26.405	27.374	1.00	0.00
H									

HETATM	3136	H7	PRP	157	51.116	26.670	27.380	1.00	0.00
H									
HETATM	3137	H8	PRP	157	51.891	25.803	26.031	1.00	0.00
H									
HETATM	3138	O1	PRP	158	43.742	37.640	40.417	1.00	0.00
O									
HETATM	3139	H1	PRP	158	42.847	37.414	40.155	1.00	0.00
H									
HETATM	3140	C1	PRP	158	44.273	36.643	41.114	1.00	0.00
C									
HETATM	3141	H2	PRP	158	45.330	36.776	41.344	1.00	0.00
H									
HETATM	3142	H3	PRP	158	43.850	36.610	42.118	1.00	0.00
H									
HETATM	3143	C2	PRP	158	44.124	35.371	40.293	1.00	0.00
C									
HETATM	3144	H4	PRP	158	44.128	35.461	39.207	1.00	0.00
H									
HETATM	3145	O2	PRP	158	42.785	34.940	40.617	1.00	0.00
O									
HETATM	3146	H5	PRP	158	42.160	35.199	39.936	1.00	0.00
H									
HETATM	3147	C3	PRP	158	44.988	34.164	40.928	1.00	0.00
C									
HETATM	3148	H6	PRP	158	44.782	33.250	40.370	1.00	0.00
H									
HETATM	3149	H7	PRP	158	46.051	34.400	40.882	1.00	0.00
H									
HETATM	3150	H8	PRP	158	44.662	34.032	41.960	1.00	0.00
H									
HETATM	3151	O1	PRP	159	32.767	31.681	56.370	1.00	0.00
O									
HETATM	3152	H1	PRP	159	33.085	32.161	57.139	1.00	0.00
H									
HETATM	3153	C1	PRP	159	32.018	30.537	56.918	1.00	0.00
C									
HETATM	3154	H2	PRP	159	31.896	29.810	56.115	1.00	0.00
H									
HETATM	3155	H3	PRP	159	32.573	30.009	57.694	1.00	0.00
H									
HETATM	3156	C2	PRP	159	30.635	30.981	57.447	1.00	0.00
C									
HETATM	3157	H4	PRP	159	30.096	31.262	56.542	1.00	0.00
H									
HETATM	3158	O2	PRP	159	30.750	32.014	58.429	1.00	0.00
O									
HETATM	3159	H5	PRP	159	31.024	32.831	58.005	1.00	0.00
H									
HETATM	3160	C3	PRP	159	29.826	29.776	58.022	1.00	0.00
C									
HETATM	3161	H6	PRP	159	30.002	29.590	59.081	1.00	0.00
H									
HETATM	3162	H7	PRP	159	28.759	30.000	57.989	1.00	0.00
H									
HETATM	3163	H8	PRP	159	30.034	28.879	57.439	1.00	0.00
H									

HETATM	3164	O1	PRP	160	40.220	33.347	33.331	1.00	0.00
O									
HETATM	3165	H1	PRP	160	39.372	33.286	32.886	1.00	0.00
H									
HETATM	3166	C1	PRP	160	40.598	34.723	33.435	1.00	0.00
C									
HETATM	3167	H2	PRP	160	41.010	34.907	34.428	1.00	0.00
H									
HETATM	3168	H3	PRP	160	41.316	35.105	32.710	1.00	0.00
H									
HETATM	3169	C2	PRP	160	39.210	35.390	33.435	1.00	0.00
C									
HETATM	3170	H4	PRP	160	38.688	35.137	34.357	1.00	0.00
H									
HETATM	3171	O2	PRP	160	38.370	35.204	32.270	1.00	0.00
O									
HETATM	3172	H5	PRP	160	37.671	34.562	32.414	1.00	0.00
H									
HETATM	3173	C3	PRP	160	39.365	36.863	33.463	1.00	0.00
C									
HETATM	3174	H6	PRP	160	38.455	37.402	33.727	1.00	0.00
H									
HETATM	3175	H7	PRP	160	40.069	37.184	34.231	1.00	0.00
H									
HETATM	3176	H8	PRP	160	39.652	37.210	32.471	1.00	0.00
H									
HETATM	3177	O1	PRP	161	38.571	28.470	24.582	1.00	0.00
O									
HETATM	3178	H1	PRP	161	39.506	28.256	24.546	1.00	0.00
H									
HETATM	3179	C1	PRP	161	37.814	27.791	23.619	1.00	0.00
C									
HETATM	3180	H2	PRP	161	36.825	28.147	23.909	1.00	0.00
H									
HETATM	3181	H3	PRP	161	38.001	28.102	22.591	1.00	0.00
H									
HETATM	3182	C2	PRP	161	37.867	26.238	23.681	1.00	0.00
C									
HETATM	3183	H4	PRP	161	37.263	25.874	24.512	1.00	0.00
H									
HETATM	3184	O2	PRP	161	39.149	25.707	23.675	1.00	0.00
O									
HETATM	3185	H5	PRP	161	39.365	25.631	24.607	1.00	0.00
H									
HETATM	3186	C3	PRP	161	37.228	25.768	22.437	1.00	0.00
C									
HETATM	3187	H6	PRP	161	36.971	24.709	22.462	1.00	0.00
H									
HETATM	3188	H7	PRP	161	36.281	26.301	22.341	1.00	0.00
H									
HETATM	3189	H8	PRP	161	37.756	26.106	21.545	1.00	0.00
H									
HETATM	3190	O1	PRP	162	52.132	22.850	48.548	1.00	0.00
O									
HETATM	3191	H1	PRP	162	51.932	23.319	47.734	1.00	0.00
H									

HETATM	3192	C1	PRP	162	50.907	22.774	49.297	1.00	0.00
C									
HETATM	3193	H2	PRP	162	50.251	21.926	49.101	1.00	0.00
H									
HETATM	3194	H3	PRP	162	51.228	22.748	50.339	1.00	0.00
H									
HETATM	3195	C2	PRP	162	50.049	24.000	49.203	1.00	0.00
C									
HETATM	3196	H4	PRP	162	49.486	24.274	50.096	1.00	0.00
H									
HETATM	3197	O2	PRP	162	49.134	23.850	48.110	1.00	0.00
O									
HETATM	3198	H5	PRP	162	48.242	24.042	48.410	1.00	0.00
H									
HETATM	3199	C3	PRP	162	50.846	25.310	48.915	1.00	0.00
C									
HETATM	3200	H6	PRP	162	51.272	25.354	47.913	1.00	0.00
H									
HETATM	3201	H7	PRP	162	50.151	26.146	48.836	1.00	0.00
H									
HETATM	3202	H8	PRP	162	51.637	25.564	49.620	1.00	0.00
H									
HETATM	3203	O1	PRP	163	41.755	27.751	18.110	1.00	0.00
O									
HETATM	3204	H1	PRP	163	41.362	28.324	18.773	1.00	0.00
H									
HETATM	3205	C1	PRP	163	40.751	27.025	17.549	1.00	0.00
C									
HETATM	3206	H2	PRP	163	40.853	27.235	16.484	1.00	0.00
H									
HETATM	3207	H3	PRP	163	40.991	25.964	17.614	1.00	0.00
H									
HETATM	3208	C2	PRP	163	39.378	27.378	18.086	1.00	0.00
C									
HETATM	3209	H4	PRP	163	39.028	28.271	17.567	1.00	0.00
H									
HETATM	3210	O2	PRP	163	39.326	27.665	19.456	1.00	0.00
O									
HETATM	3211	H5	PRP	163	39.834	26.930	19.807	1.00	0.00
H									
HETATM	3212	C3	PRP	163	38.460	26.164	17.892	1.00	0.00
C									
HETATM	3213	H6	PRP	163	38.506	25.408	18.676	1.00	0.00
H									
HETATM	3214	H7	PRP	163	37.446	26.549	18.005	1.00	0.00
H									
HETATM	3215	H8	PRP	163	38.654	25.713	16.918	1.00	0.00
H									
HETATM	3216	O1	PRP	164	37.811	33.657	5.227	1.00	0.00
O									
HETATM	3217	H1	PRP	164	37.403	32.984	4.677	1.00	0.00
H									
HETATM	3218	C1	PRP	164	38.895	32.985	5.768	1.00	0.00
C									
HETATM	3219	H2	PRP	164	39.805	32.825	5.190	1.00	0.00
H									

HETATM	3220	H3	PRP	164	39.313	33.413	6.679	1.00	0.00
H									
HETATM	3221	C2	PRP	164	38.425	31.569	6.262	1.00	0.00
C									
HETATM	3222	H4	PRP	164	39.163	31.106	6.917	1.00	0.00
H									
HETATM	3223	O2	PRP	164	38.274	30.641	5.070	1.00	0.00
O									
HETATM	3224	H5	PRP	164	38.105	31.184	4.296	1.00	0.00
H									
HETATM	3225	C3	PRP	164	37.111	31.634	7.079	1.00	0.00
C									
HETATM	3226	H6	PRP	164	37.311	32.057	8.064	1.00	0.00
H									
HETATM	3227	H7	PRP	164	36.291	32.169	6.600	1.00	0.00
H									
HETATM	3228	H8	PRP	164	36.751	30.628	7.296	1.00	0.00
H									
HETATM	3229	O1	PRP	165	43.421	1.085	30.163	1.00	0.00
O									
HETATM	3230	H1	PRP	165	43.879	1.671	30.770	1.00	0.00
H									
HETATM	3231	C1	PRP	165	42.029	1.383	30.342	1.00	0.00
C									
HETATM	3232	H2	PRP	165	41.703	2.280	29.816	1.00	0.00
H									
HETATM	3233	H3	PRP	165	41.423	0.563	29.956	1.00	0.00
H									
HETATM	3234	C2	PRP	165	41.882	1.386	31.900	1.00	0.00
C									
HETATM	3235	H4	PRP	165	42.453	2.227	32.293	1.00	0.00
H									
HETATM	3236	O2	PRP	165	42.224	0.124	32.454	1.00	0.00
O									
HETATM	3237	H5	PRP	165	42.791	-0.333	31.828	1.00	0.00
H									
HETATM	3238	C3	PRP	165	40.371	1.647	32.252	1.00	0.00
C									
HETATM	3239	H6	PRP	165	39.851	0.765	31.878	1.00	0.00
H									
HETATM	3240	H7	PRP	165	40.240	1.696	33.333	1.00	0.00
H									
HETATM	3241	H8	PRP	165	39.926	2.454	31.670	1.00	0.00
H									
HETATM	3242	O1	PRP	166	29.475	-2.769	23.807	1.00	0.00
O									
HETATM	3243	H1	PRP	166	29.979	-2.562	24.597	1.00	0.00
H									
HETATM	3244	C1	PRP	166	28.672	-3.857	24.045	1.00	0.00
C									
HETATM	3245	H2	PRP	166	28.133	-3.601	24.956	1.00	0.00
H									
HETATM	3246	H3	PRP	166	27.954	-3.989	23.235	1.00	0.00
H									
HETATM	3247	C2	PRP	166	29.432	-5.102	24.308	1.00	0.00
C									

HETATM	3248	H4	PRP	166	28.702	-5.906	24.402	1.00	0.00
H									
HETATM	3249	O2	PRP	166	30.359	-5.027	25.372	1.00	0.00
O									
HETATM	3250	H5	PRP	166	30.436	-5.913	25.733	1.00	0.00
H									
HETATM	3251	C3	PRP	166	30.241	-5.468	23.062	1.00	0.00
C									
HETATM	3252	H6	PRP	166	30.875	-4.622	22.795	1.00	0.00
H									
HETATM	3253	H7	PRP	166	30.905	-6.320	23.214	1.00	0.00
H									
HETATM	3254	H8	PRP	166	29.513	-5.721	22.292	1.00	0.00
H									
HETATM	3255	O1	PRP	167	15.379	21.479	52.920	1.00	0.00
O									
HETATM	3256	H1	PRP	167	16.217	21.703	53.331	1.00	0.00
H									
HETATM	3257	C1	PRP	167	15.181	20.114	53.275	1.00	0.00
C									
HETATM	3258	H2	PRP	167	15.368	19.881	54.323	1.00	0.00
H									
HETATM	3259	H3	PRP	167	14.113	19.917	53.188	1.00	0.00
H									
HETATM	3260	C2	PRP	167	15.920	19.098	52.356	1.00	0.00
C									
HETATM	3261	H4	PRP	167	15.568	18.103	52.626	1.00	0.00
H									
HETATM	3262	O2	PRP	167	17.381	19.065	52.594	1.00	0.00
O									
HETATM	3263	H5	PRP	167	17.545	18.197	52.970	1.00	0.00
H									
HETATM	3264	C3	PRP	167	15.819	19.241	50.834	1.00	0.00
C									
HETATM	3265	H6	PRP	167	16.421	20.067	50.456	1.00	0.00
H									
HETATM	3266	H7	PRP	167	16.164	18.281	50.448	1.00	0.00
H									
HETATM	3267	H8	PRP	167	14.774	19.368	50.549	1.00	0.00
H									
HETATM	3268	O1	PRP	168	49.769	-2.010	35.380	1.00	0.00
O									
HETATM	3269	H1	PRP	168	49.608	-2.935	35.181	1.00	0.00
H									
HETATM	3270	C1	PRP	168	48.868	-1.240	34.674	1.00	0.00
C									
HETATM	3271	H2	PRP	168	48.961	-1.562	33.637	1.00	0.00
H									
HETATM	3272	H3	PRP	168	47.912	-1.606	35.050	1.00	0.00
H									
HETATM	3273	C2	PRP	168	48.965	0.327	34.981	1.00	0.00
C									
HETATM	3274	H4	PRP	168	48.261	0.887	34.364	1.00	0.00
H									
HETATM	3275	O2	PRP	168	50.277	0.656	34.580	1.00	0.00
O									

HETATM	3276	H5	PRP	168	50.827	0.159	35.189	1.00	0.00
H									
HETATM	3277	C3	PRP	168	48.849	0.723	36.442	1.00	0.00
C									
HETATM	3278	H6	PRP	168	49.273	0.001	37.140	1.00	0.00
H									
HETATM	3279	H7	PRP	168	49.246	1.711	36.676	1.00	0.00
H									
HETATM	3280	H8	PRP	168	47.782	0.762	36.660	1.00	0.00
H									
HETATM	3281	O1	PRP	169	44.495	9.816	37.908	1.00	0.00
O									
HETATM	3282	H1	PRP	169	44.520	10.633	37.404	1.00	0.00
H									
HETATM	3283	C1	PRP	169	44.248	10.047	39.281	1.00	0.00
C									
HETATM	3284	H2	PRP	169	43.650	10.946	39.428	1.00	0.00
H									
HETATM	3285	H3	PRP	169	43.635	9.223	39.646	1.00	0.00
H									
HETATM	3286	C2	PRP	169	45.428	10.195	40.199	1.00	0.00
C									
HETATM	3287	H4	PRP	169	44.987	10.346	41.185	1.00	0.00
H									
HETATM	3288	O2	PRP	169	46.225	11.316	39.747	1.00	0.00
O									
HETATM	3289	H5	PRP	169	46.644	10.949	38.966	1.00	0.00
H									
HETATM	3290	C3	PRP	169	46.267	8.880	40.212	1.00	0.00
C									
HETATM	3291	H6	PRP	169	47.153	8.992	40.838	1.00	0.00
H									
HETATM	3292	H7	PRP	169	45.647	8.035	40.513	1.00	0.00
H									
HETATM	3293	H8	PRP	169	46.489	8.695	39.162	1.00	0.00
H									
HETATM	3294	O1	PRP	170	26.055	5.115	28.245	1.00	0.00
O									
HETATM	3295	H1	PRP	170	26.743	4.996	27.586	1.00	0.00
H									
HETATM	3296	C1	PRP	170	25.838	6.518	28.631	1.00	0.00
C									
HETATM	3297	H2	PRP	170	25.630	7.104	27.736	1.00	0.00
H									
HETATM	3298	H3	PRP	170	24.972	6.661	29.277	1.00	0.00
H									
HETATM	3299	C2	PRP	170	27.079	7.167	29.214	1.00	0.00
C									
HETATM	3300	H4	PRP	170	26.757	8.093	29.690	1.00	0.00
H									
HETATM	3301	O2	PRP	170	28.048	7.375	28.214	1.00	0.00
O									
HETATM	3302	H5	PRP	170	28.830	7.837	28.525	1.00	0.00
H									
HETATM	3303	C3	PRP	170	27.769	6.411	30.373	1.00	0.00
C									

HETATM	3304	H6	PRP	170	28.322	5.560	29.975	1.00	0.00
H									
HETATM	3305	H7	PRP	170	28.420	7.089	30.925	1.00	0.00
H									
HETATM	3306	H8	PRP	170	26.968	6.051	31.020	1.00	0.00
H									
HETATM	3307	O1	PRP	171	27.054	9.374	35.582	1.00	0.00
O									
HETATM	3308	H1	PRP	171	27.169	9.380	36.535	1.00	0.00
H									
HETATM	3309	C1	PRP	171	27.702	10.569	35.126	1.00	0.00
C									
HETATM	3310	H2	PRP	171	27.310	11.408	35.701	1.00	0.00
H									
HETATM	3311	H3	PRP	171	28.762	10.619	35.373	1.00	0.00
H									
HETATM	3312	C2	PRP	171	27.701	10.845	33.657	1.00	0.00
C									
HETATM	3313	H4	PRP	171	26.668	10.993	33.342	1.00	0.00
H									
HETATM	3314	O2	PRP	171	28.313	9.802	32.943	1.00	0.00
O									
HETATM	3315	H5	PRP	171	28.253	9.972	32.000	1.00	0.00
H									
HETATM	3316	C3	PRP	171	28.479	12.072	33.344	1.00	0.00
C									
HETATM	3317	H6	PRP	171	29.535	11.818	33.436	1.00	0.00
H									
HETATM	3318	H7	PRP	171	28.470	12.262	32.270	1.00	0.00
H									
HETATM	3319	H8	PRP	171	28.250	12.960	33.932	1.00	0.00
H									
HETATM	3320	O1	PRP	172	36.199	3.114	34.844	1.00	0.00
O									
HETATM	3321	H1	PRP	172	35.454	2.704	34.399	1.00	0.00
H									
HETATM	3322	C1	PRP	172	36.884	3.849	33.863	1.00	0.00
C									
HETATM	3323	H2	PRP	172	37.723	4.339	34.357	1.00	0.00
H									
HETATM	3324	H3	PRP	172	37.393	3.223	33.129	1.00	0.00
H									
HETATM	3325	C2	PRP	172	36.008	5.003	33.335	1.00	0.00
C									
HETATM	3326	H4	PRP	172	35.542	5.364	34.253	1.00	0.00
H									
HETATM	3327	O2	PRP	172	35.030	4.546	32.436	1.00	0.00
O									
HETATM	3328	H5	PRP	172	34.201	4.424	32.904	1.00	0.00
H									
HETATM	3329	C3	PRP	172	36.902	6.102	32.766	1.00	0.00
C									
HETATM	3330	H6	PRP	172	36.416	7.067	32.626	1.00	0.00
H									
HETATM	3331	H7	PRP	172	37.818	6.239	33.341	1.00	0.00
H									

HETATM	3332	H8	PRP	172	37.214	5.880	31.746	1.00	0.00
H									
HETATM	3333	O1	PRP	173	40.900	12.227	39.045	1.00	0.00
O									
HETATM	3334	H1	PRP	173	40.506	12.332	39.914	1.00	0.00
H									
HETATM	3335	C1	PRP	173	39.868	12.479	38.041	1.00	0.00
C									
HETATM	3336	H2	PRP	173	38.979	12.778	38.597	1.00	0.00
H									
HETATM	3337	H3	PRP	173	40.142	13.353	37.449	1.00	0.00
H									
HETATM	3338	C2	PRP	173	39.747	11.372	37.032	1.00	0.00
C									
HETATM	3339	H4	PRP	173	38.889	11.637	36.415	1.00	0.00
H									
HETATM	3340	O2	PRP	173	39.519	10.138	37.697	1.00	0.00
O									
HETATM	3341	H5	PRP	173	39.829	10.253	38.599	1.00	0.00
H									
HETATM	3342	C3	PRP	173	41.045	11.208	36.182	1.00	0.00
C									
HETATM	3343	H6	PRP	173	41.096	10.199	35.772	1.00	0.00
H									
HETATM	3344	H7	PRP	173	41.303	12.010	35.490	1.00	0.00
H									
HETATM	3345	H8	PRP	173	41.867	11.149	36.895	1.00	0.00
H									
HETATM	3346	O1	PRP	174	49.722	8.823	39.077	1.00	0.00
O									
HETATM	3347	H1	PRP	174	49.753	8.156	39.766	1.00	0.00
H									
HETATM	3348	C1	PRP	174	49.969	10.039	39.738	1.00	0.00
C									
HETATM	3349	H2	PRP	174	49.101	10.689	39.625	1.00	0.00
H									
HETATM	3350	H3	PRP	174	50.018	9.973	40.825	1.00	0.00
H									
HETATM	3351	C2	PRP	174	51.152	10.669	38.992	1.00	0.00
C									
HETATM	3352	H4	PRP	174	50.960	10.741	37.922	1.00	0.00
H									
HETATM	3353	O2	PRP	174	52.355	9.990	39.180	1.00	0.00
O									
HETATM	3354	H5	PRP	174	52.552	9.963	40.119	1.00	0.00
H									
HETATM	3355	C3	PRP	174	51.244	12.059	39.584	1.00	0.00
C									
HETATM	3356	H6	PRP	174	51.204	11.976	40.670	1.00	0.00
H									
HETATM	3357	H7	PRP	174	52.109	12.603	39.204	1.00	0.00
H									
HETATM	3358	H8	PRP	174	50.306	12.557	39.338	1.00	0.00
H									
HETATM	3359	O1	PRP	175	39.842	11.854	28.028	1.00	0.00
O									

HETATM	3360	H1	PRP	175	40.098	12.018	28.939	1.00	0.00
H									
HETATM	3361	C1	PRP	175	38.408	11.929	28.054	1.00	0.00
C									
HETATM	3362	H2	PRP	175	38.006	12.211	27.081	1.00	0.00
H									
HETATM	3363	H3	PRP	175	38.005	10.986	28.424	1.00	0.00
H									
HETATM	3364	C2	PRP	175	37.936	13.185	28.910	1.00	0.00
C									
HETATM	3365	H4	PRP	175	38.131	14.067	28.299	1.00	0.00
H									
HETATM	3366	O2	PRP	175	38.466	13.409	30.217	1.00	0.00
O									
HETATM	3367	H5	PRP	175	37.772	13.641	30.839	1.00	0.00
H									
HETATM	3368	C3	PRP	175	36.379	12.970	29.010	1.00	0.00
C									
HETATM	3369	H6	PRP	175	36.018	13.847	29.546	1.00	0.00
H									
HETATM	3370	H7	PRP	175	35.968	12.920	28.001	1.00	0.00
H									
HETATM	3371	H8	PRP	175	36.132	12.056	29.549	1.00	0.00
H									
HETATM	3372	O1	PRP	176	46.939	18.775	23.992	1.00	0.00
O									
HETATM	3373	H1	PRP	176	47.538	18.033	24.107	1.00	0.00
H									
HETATM	3374	C1	PRP	176	46.437	18.820	22.642	1.00	0.00
C									
HETATM	3375	H2	PRP	176	45.843	17.938	22.400	1.00	0.00
H									
HETATM	3376	H3	PRP	176	45.954	19.780	22.462	1.00	0.00
H									
HETATM	3377	C2	PRP	176	47.481	18.676	21.541	1.00	0.00
C									
HETATM	3378	H4	PRP	176	46.859	18.846	20.663	1.00	0.00
H									
HETATM	3379	O2	PRP	176	48.046	17.377	21.480	1.00	0.00
O									
HETATM	3380	H5	PRP	176	48.258	17.099	22.374	1.00	0.00
H									
HETATM	3381	C3	PRP	176	48.381	19.887	21.620	1.00	0.00
C									
HETATM	3382	H6	PRP	176	47.794	20.795	21.758	1.00	0.00
H									
HETATM	3383	H7	PRP	176	48.950	19.751	22.540	1.00	0.00
H									
HETATM	3384	H8	PRP	176	49.055	19.838	20.764	1.00	0.00
H									
HETATM	3385	O1	PRP	177	32.812	2.839	15.050	1.00	0.00
O									
HETATM	3386	H1	PRP	177	33.598	2.988	15.581	1.00	0.00
H									
HETATM	3387	C1	PRP	177	32.696	3.782	14.027	1.00	0.00
C									

HETATM	3388	H2	PRP	177	31.648	4.067	13.939	1.00	0.00
H									
HETATM	3389	H3	PRP	177	33.159	4.744	14.245	1.00	0.00
H									
HETATM	3390	C2	PRP	177	33.292	3.249	12.757	1.00	0.00
C									
HETATM	3391	H4	PRP	177	32.721	3.672	11.930	1.00	0.00
H									
HETATM	3392	O2	PRP	177	33.299	1.771	12.812	1.00	0.00
O									
HETATM	3393	H5	PRP	177	33.092	1.542	13.721	1.00	0.00
H									
HETATM	3394	C3	PRP	177	34.758	3.712	12.680	1.00	0.00
C									
HETATM	3395	H6	PRP	177	35.360	3.290	13.485	1.00	0.00
H									
HETATM	3396	H7	PRP	177	35.187	3.380	11.734	1.00	0.00
H									
HETATM	3397	H8	PRP	177	34.751	4.774	12.922	1.00	0.00
H									
HETATM	3398	O1	PRP	178	30.733	8.645	27.643	1.00	0.00
O									
HETATM	3399	H1	PRP	178	30.662	9.283	26.929	1.00	0.00
H									
HETATM	3400	C1	PRP	178	31.757	7.672	27.535	1.00	0.00
C									
HETATM	3401	H2	PRP	178	31.391	7.162	26.644	1.00	0.00
H									
HETATM	3402	H3	PRP	178	32.724	8.168	27.459	1.00	0.00
H									
HETATM	3403	C2	PRP	178	31.747	6.615	28.649	1.00	0.00
C									
HETATM	3404	H4	PRP	178	32.681	6.056	28.584	1.00	0.00
H									
HETATM	3405	O2	PRP	178	30.653	5.692	28.430	1.00	0.00
O									
HETATM	3406	H5	PRP	178	30.517	5.251	29.272	1.00	0.00
H									
HETATM	3407	C3	PRP	178	31.759	7.263	30.000	1.00	0.00
C									
HETATM	3408	H6	PRP	178	30.777	7.683	30.216	1.00	0.00
H									
HETATM	3409	H7	PRP	178	32.045	6.560	30.782	1.00	0.00
H									
HETATM	3410	H8	PRP	178	32.456	8.100	29.968	1.00	0.00
H									
HETATM	3411	O1	PRP	179	42.338	3.583	34.794	1.00	0.00
O									
HETATM	3412	H1	PRP	179	42.565	4.198	34.092	1.00	0.00
H									
HETATM	3413	C1	PRP	179	43.387	2.618	34.982	1.00	0.00
C									
HETATM	3414	H2	PRP	179	43.041	1.839	35.661	1.00	0.00
H									
HETATM	3415	H3	PRP	179	43.544	2.004	34.095	1.00	0.00
H									

HETATM	3416	C2	PRP	179	44.702	3.264	35.236	1.00	0.00
C									
HETATM	3417	H4	PRP	179	44.734	4.081	35.957	1.00	0.00
H									
HETATM	3418	O2	PRP	179	45.403	3.659	34.032	1.00	0.00
O									
HETATM	3419	H5	PRP	179	46.237	4.021	34.339	1.00	0.00
H									
HETATM	3420	C3	PRP	179	45.568	2.107	35.716	1.00	0.00
C									
HETATM	3421	H6	PRP	179	45.846	1.484	34.867	1.00	0.00
H									
HETATM	3422	H7	PRP	179	46.489	2.567	36.073	1.00	0.00
H									
HETATM	3423	H8	PRP	179	45.037	1.496	36.446	1.00	0.00
H									
HETATM	3424	O1	PRP	180	40.865	-2.540	37.306	1.00	0.00
O									
HETATM	3425	H1	PRP	180	41.017	-1.668	36.934	1.00	0.00
H									
HETATM	3426	C1	PRP	180	41.142	-2.524	38.705	1.00	0.00
C									
HETATM	3427	H2	PRP	180	40.637	-3.392	39.128	1.00	0.00
H									
HETATM	3428	H3	PRP	180	42.229	-2.592	38.741	1.00	0.00
H									
HETATM	3429	C2	PRP	180	40.548	-1.248	39.304	1.00	0.00
C									
HETATM	3430	H4	PRP	180	39.463	-1.205	39.208	1.00	0.00
H									
HETATM	3431	O2	PRP	180	41.167	-0.271	38.468	1.00	0.00
O									
HETATM	3432	H5	PRP	180	40.507	0.410	38.318	1.00	0.00
H									
HETATM	3433	C3	PRP	180	40.805	-1.236	40.800	1.00	0.00
C									
HETATM	3434	H6	PRP	180	40.149	-1.885	41.379	1.00	0.00
H									
HETATM	3435	H7	PRP	180	41.809	-1.629	40.961	1.00	0.00
H									
HETATM	3436	H8	PRP	180	40.829	-0.197	41.128	1.00	0.00
H									
HETATM	3437	O1	PRP	181	47.115	-1.265	28.868	1.00	0.00
O									
HETATM	3438	H1	PRP	181	46.385	-1.750	28.474	1.00	0.00
H									
HETATM	3439	C1	PRP	181	46.836	-0.410	29.921	1.00	0.00
C									
HETATM	3440	H2	PRP	181	47.593	0.374	29.937	1.00	0.00
H									
HETATM	3441	H3	PRP	181	45.847	0.033	29.804	1.00	0.00
H									
HETATM	3442	C2	PRP	181	46.989	-1.064	31.328	1.00	0.00
C									
HETATM	3443	H4	PRP	181	48.027	-1.287	31.577	1.00	0.00
H									

HETATM	3444	O2	PRP	181	46.358	-2.275	31.247	1.00	0.00
O									
HETATM	3445	H5	PRP	181	46.865	-2.761	30.593	1.00	0.00
H									
HETATM	3446	C3	PRP	181	46.366	-0.106	32.374	1.00	0.00
C									
HETATM	3447	H6	PRP	181	47.004	0.778	32.355	1.00	0.00
H									
HETATM	3448	H7	PRP	181	45.281	-0.074	32.283	1.00	0.00
H									
HETATM	3449	H8	PRP	181	46.531	-0.566	33.348	1.00	0.00
H									
HETATM	3450	O1	PRP	182	47.758	4.035	32.205	1.00	0.00
O									
HETATM	3451	H1	PRP	182	48.517	3.556	32.545	1.00	0.00
H									
HETATM	3452	C1	PRP	182	47.344	3.412	31.002	1.00	0.00
C									
HETATM	3453	H2	PRP	182	48.038	3.842	30.280	1.00	0.00
H									
HETATM	3454	H3	PRP	182	47.305	2.323	31.038	1.00	0.00
H									
HETATM	3455	C2	PRP	182	45.958	3.901	30.648	1.00	0.00
C									
HETATM	3456	H4	PRP	182	45.930	4.979	30.811	1.00	0.00
H									
HETATM	3457	O2	PRP	182	44.943	3.276	31.438	1.00	0.00
O									
HETATM	3458	H5	PRP	182	45.080	3.487	32.364	1.00	0.00
H									
HETATM	3459	C3	PRP	182	45.520	3.711	29.168	1.00	0.00
C									
HETATM	3460	H6	PRP	182	46.092	4.281	28.436	1.00	0.00
H									
HETATM	3461	H7	PRP	182	45.591	2.658	28.895	1.00	0.00
H									
HETATM	3462	H8	PRP	182	44.454	3.925	29.090	1.00	0.00
H									
HETATM	3463	O1	PRP	183	41.830	37.472	15.554	1.00	0.00
O									
HETATM	3464	H1	PRP	183	40.904	37.368	15.323	1.00	0.00
H									
HETATM	3465	C1	PRP	183	41.980	37.878	16.886	1.00	0.00
C									
HETATM	3466	H2	PRP	183	42.983	38.279	17.032	1.00	0.00
H									
HETATM	3467	H3	PRP	183	41.217	38.614	17.136	1.00	0.00
H									
HETATM	3468	C2	PRP	183	41.879	36.718	17.897	1.00	0.00
C									
HETATM	3469	H4	PRP	183	42.676	36.028	17.619	1.00	0.00
H									
HETATM	3470	O2	PRP	183	40.628	36.160	17.763	1.00	0.00
O									
HETATM	3471	H5	PRP	183	40.555	35.860	16.854	1.00	0.00
H									

HETATM	3472	C3	PRP	183	42.082	37.095	19.396	1.00	0.00
C									
HETATM	3473	H6	PRP	183	41.361	37.900	19.540	1.00	0.00
H									
HETATM	3474	H7	PRP	183	41.960	36.213	20.025	1.00	0.00
H									
HETATM	3475	H8	PRP	183	43.058	37.556	19.546	1.00	0.00
H									
HETATM	3476	O1	PRP	184	-7.007	25.518	53.177	1.00	0.00
O									
HETATM	3477	H1	PRP	184	-6.209	25.994	53.421	1.00	0.00
H									
HETATM	3478	C1	PRP	184	-7.164	24.710	54.299	1.00	0.00
C									
HETATM	3479	H2	PRP	184	-7.594	25.208	55.168	1.00	0.00
H									
HETATM	3480	H3	PRP	184	-7.960	23.973	54.188	1.00	0.00
H									
HETATM	3481	C2	PRP	184	-5.818	24.099	54.607	1.00	0.00
C									
HETATM	3482	H4	PRP	184	-5.809	23.605	55.579	1.00	0.00
H									
HETATM	3483	O2	PRP	184	-4.988	25.180	54.655	1.00	0.00
O									
HETATM	3484	H5	PRP	184	-4.297	24.945	55.279	1.00	0.00
H									
HETATM	3485	C3	PRP	184	-5.199	23.214	53.490	1.00	0.00
C									
HETATM	3486	H6	PRP	184	-5.725	22.263	53.585	1.00	0.00
H									
HETATM	3487	H7	PRP	184	-5.377	23.479	52.448	1.00	0.00
H									
HETATM	3488	H8	PRP	184	-4.122	23.115	53.629	1.00	0.00
H									
HETATM	3489	O1	PRP	185	-2.958	26.432	34.752	1.00	0.00
O									
HETATM	3490	H1	PRP	185	-2.329	25.815	35.133	1.00	0.00
H									
HETATM	3491	C1	PRP	185	-2.173	27.563	34.410	1.00	0.00
C									
HETATM	3492	H2	PRP	185	-2.402	27.731	33.358	1.00	0.00
H									
HETATM	3493	H3	PRP	185	-2.569	28.396	34.991	1.00	0.00
H									
HETATM	3494	C2	PRP	185	-0.649	27.376	34.556	1.00	0.00
C									
HETATM	3495	H4	PRP	185	-0.414	26.402	34.127	1.00	0.00
H									
HETATM	3496	O2	PRP	185	-0.304	27.337	35.912	1.00	0.00
O									
HETATM	3497	H5	PRP	185	-0.549	28.139	36.380	1.00	0.00
H									
HETATM	3498	C3	PRP	185	0.067	28.497	33.800	1.00	0.00
C									
HETATM	3499	H6	PRP	185	-0.151	28.450	32.733	1.00	0.00
H									

HETATM	3500	H7	PRP	185	-0.155	29.488	34.194	1.00	0.00
H									
HETATM	3501	H8	PRP	185	1.150	28.376	33.762	1.00	0.00
H									
HETATM	3502	O1	PRP	186	3.399	12.023	41.078	1.00	0.00
O									
HETATM	3503	H1	PRP	186	3.012	11.984	40.201	1.00	0.00
H									
HETATM	3504	C1	PRP	186	2.457	12.301	42.147	1.00	0.00
C									
HETATM	3505	H2	PRP	186	2.375	13.384	42.240	1.00	0.00
H									
HETATM	3506	H3	PRP	186	1.467	11.928	41.884	1.00	0.00
H									
HETATM	3507	C2	PRP	186	2.905	11.669	43.439	1.00	0.00
C									
HETATM	3508	H4	PRP	186	3.901	12.029	43.697	1.00	0.00
H									
HETATM	3509	O2	PRP	186	2.981	10.283	43.141	1.00	0.00
O									
HETATM	3510	H5	PRP	186	3.083	10.174	42.193	1.00	0.00
H									
HETATM	3511	C3	PRP	186	2.066	11.981	44.553	1.00	0.00
C									
HETATM	3512	H6	PRP	186	1.041	11.944	44.182	1.00	0.00
H									
HETATM	3513	H7	PRP	186	2.231	11.205	45.301	1.00	0.00
H									
HETATM	3514	H8	PRP	186	2.162	13.018	44.873	1.00	0.00
H									
HETATM	3515	O1	PRP	187	7.159	25.633	38.381	1.00	0.00
O									
HETATM	3516	H1	PRP	187	6.853	26.112	37.607	1.00	0.00
H									
HETATM	3517	C1	PRP	187	7.317	26.422	39.558	1.00	0.00
C									
HETATM	3518	H2	PRP	187	7.484	27.455	39.253	1.00	0.00
H									
HETATM	3519	H3	PRP	187	6.354	26.316	40.057	1.00	0.00
H									
HETATM	3520	C2	PRP	187	8.525	25.991	40.367	1.00	0.00
C									
HETATM	3521	H4	PRP	187	9.373	26.032	39.684	1.00	0.00
H									
HETATM	3522	O2	PRP	187	8.171	24.676	40.846	1.00	0.00
O									
HETATM	3523	H5	PRP	187	8.114	24.080	40.096	1.00	0.00
H									
HETATM	3524	C3	PRP	187	8.711	26.970	41.502	1.00	0.00
C									
HETATM	3525	H6	PRP	187	9.667	26.742	41.974	1.00	0.00
H									
HETATM	3526	H7	PRP	187	8.576	27.980	41.116	1.00	0.00
H									
HETATM	3527	H8	PRP	187	7.866	26.865	42.181	1.00	0.00
H									

HETATM	3528	O1	PRP	188	8.843	26.255	48.670	1.00	0.00
O									
HETATM	3529	H1	PRP	188	8.827	26.794	47.875	1.00	0.00
H									
HETATM	3530	C1	PRP	188	8.450	24.932	48.294	1.00	0.00
C									
HETATM	3531	H2	PRP	188	7.443	25.046	47.893	1.00	0.00
H									
HETATM	3532	H3	PRP	188	9.226	24.478	47.679	1.00	0.00
H									
HETATM	3533	C2	PRP	188	8.371	24.129	49.594	1.00	0.00
C									
HETATM	3534	H4	PRP	188	7.730	24.694	50.270	1.00	0.00
H									
HETATM	3535	O2	PRP	188	9.643	23.935	50.101	1.00	0.00
O									
HETATM	3536	H5	PRP	188	10.101	24.755	49.905	1.00	0.00
H									
HETATM	3537	C3	PRP	188	7.740	22.804	49.349	1.00	0.00
C									
HETATM	3538	H6	PRP	188	7.832	22.151	50.217	1.00	0.00
H									
HETATM	3539	H7	PRP	188	6.684	22.959	49.128	1.00	0.00
H									
HETATM	3540	H8	PRP	188	8.186	22.429	48.428	1.00	0.00
H									
HETATM	3541	O1	PRP	189	-5.899	19.403	43.357	1.00	0.00
O									
HETATM	3542	H1	PRP	189	-6.684	19.577	43.881	1.00	0.00
H									
HETATM	3543	C1	PRP	189	-5.154	18.325	43.966	1.00	0.00
C									
HETATM	3544	H2	PRP	189	-4.227	18.151	43.419	1.00	0.00
H									
HETATM	3545	H3	PRP	189	-4.803	18.519	44.980	1.00	0.00
H									
HETATM	3546	C2	PRP	189	-5.897	16.951	43.818	1.00	0.00
C									
HETATM	3547	H4	PRP	189	-6.328	16.874	42.820	1.00	0.00
H									
HETATM	3548	O2	PRP	189	-6.920	16.801	44.834	1.00	0.00
O									
HETATM	3549	H5	PRP	189	-7.726	17.114	44.415	1.00	0.00
H									
HETATM	3550	C3	PRP	189	-4.975	15.724	43.991	1.00	0.00
C									
HETATM	3551	H6	PRP	189	-4.062	15.819	43.404	1.00	0.00
H									
HETATM	3552	H7	PRP	189	-4.685	15.545	45.027	1.00	0.00
H									
HETATM	3553	H8	PRP	189	-5.449	14.789	43.692	1.00	0.00
H									
HETATM	3554	O1	PRP	190	-2.262	23.701	38.822	1.00	0.00
O									
HETATM	3555	H1	PRP	190	-1.886	22.945	39.277	1.00	0.00
H									

HETATM	3556	C1	PRP	190	-2.633	24.646	39.879	1.00	0.00
C									
HETATM	3557	H2	PRP	190	-2.916	25.590	39.414	1.00	0.00
H									
HETATM	3558	H3	PRP	190	-3.512	24.368	40.460	1.00	0.00
H									
HETATM	3559	C2	PRP	190	-1.386	24.896	40.744	1.00	0.00
C									
HETATM	3560	H4	PRP	190	-0.628	24.859	39.962	1.00	0.00
H									
HETATM	3561	O2	PRP	190	-1.331	23.943	41.769	1.00	0.00
O									
HETATM	3562	H5	PRP	190	-1.111	23.078	41.415	1.00	0.00
H									
HETATM	3563	C3	PRP	190	-1.533	26.277	41.531	1.00	0.00
C									
HETATM	3564	H6	PRP	190	-0.599	26.559	42.017	1.00	0.00
H									
HETATM	3565	H7	PRP	190	-1.807	27.019	40.781	1.00	0.00
H									
HETATM	3566	H8	PRP	190	-2.293	26.179	42.307	1.00	0.00
H									
HETATM	3567	O1	PRP	191	-2.742	21.239	45.450	1.00	0.00
O									
HETATM	3568	H1	PRP	191	-3.329	21.998	45.482	1.00	0.00
H									
HETATM	3569	C1	PRP	191	-1.497	21.708	45.062	1.00	0.00
C									
HETATM	3570	H2	PRP	191	-0.679	21.205	45.577	1.00	0.00
H									
HETATM	3571	H3	PRP	191	-1.371	21.468	44.006	1.00	0.00
H									
HETATM	3572	C2	PRP	191	-1.541	23.224	45.293	1.00	0.00
C									
HETATM	3573	H4	PRP	191	-1.915	23.438	46.295	1.00	0.00
H									
HETATM	3574	O2	PRP	191	-2.249	23.971	44.265	1.00	0.00
O									
HETATM	3575	H5	PRP	191	-1.772	24.034	43.434	1.00	0.00
H									
HETATM	3576	C3	PRP	191	-0.118	23.816	45.405	1.00	0.00
C									
HETATM	3577	H6	PRP	191	-0.065	24.877	45.648	1.00	0.00
H									
HETATM	3578	H7	PRP	191	0.437	23.226	46.135	1.00	0.00
H									
HETATM	3579	H8	PRP	191	0.542	23.645	44.554	1.00	0.00
H									
HETATM	3580	O1	PRP	192	-8.354	18.953	47.720	1.00	0.00
O									
HETATM	3581	H1	PRP	192	-7.929	18.124	47.952	1.00	0.00
H									
HETATM	3582	C1	PRP	192	-7.844	19.953	48.614	1.00	0.00
C									
HETATM	3583	H2	PRP	192	-6.764	20.008	48.752	1.00	0.00
H									

HETATM	3584	H3	PRP	192	-8.030	20.994	48.351	1.00	0.00
H									
HETATM	3585	C2	PRP	192	-8.452	19.776	50.027	1.00	0.00
C									
HETATM	3586	H4	PRP	192	-8.036	20.522	50.704	1.00	0.00
H									
HETATM	3587	O2	PRP	192	-7.976	18.564	50.607	1.00	0.00
O									
HETATM	3588	H5	PRP	192	-7.950	17.848	49.968	1.00	0.00
H									
HETATM	3589	C3	PRP	192	-10.020	19.905	50.034	1.00	0.00
C									
HETATM	3590	H6	PRP	192	-10.454	19.551	50.970	1.00	0.00
H									
HETATM	3591	H7	PRP	192	-10.364	20.929	49.887	1.00	0.00
H									
HETATM	3592	H8	PRP	192	-10.383	19.212	49.274	1.00	0.00
H									
HETATM	3593	O1	PRP	193	-9.118	22.426	52.725	1.00	0.00
O									
HETATM	3594	H1	PRP	193	-9.511	23.004	53.384	1.00	0.00
H									
HETATM	3595	C1	PRP	193	-8.682	21.317	53.470	1.00	0.00
C									
HETATM	3596	H2	PRP	193	-8.195	20.563	52.852	1.00	0.00
H									
HETATM	3597	H3	PRP	193	-7.996	21.451	54.306	1.00	0.00
H									
HETATM	3598	C2	PRP	193	-9.974	20.620	53.979	1.00	0.00
C									
HETATM	3599	H4	PRP	193	-10.595	20.576	53.084	1.00	0.00
H									
HETATM	3600	O2	PRP	193	-10.663	21.265	55.050	1.00	0.00
O									
HETATM	3601	H5	PRP	193	-10.744	22.212	54.916	1.00	0.00
H									
HETATM	3602	C3	PRP	193	-9.700	19.161	54.262	1.00	0.00
C									
HETATM	3603	H6	PRP	193	-9.022	19.085	55.112	1.00	0.00
H									
HETATM	3604	H7	PRP	193	-10.643	18.675	54.515	1.00	0.00
H									
HETATM	3605	H8	PRP	193	-9.229	18.751	53.368	1.00	0.00
H									
HETATM	3606	O1	PRP	194	-2.786	-1.839	41.720	1.00	0.00
O									
HETATM	3607	H1	PRP	194	-1.951	-1.437	41.974	1.00	0.00
H									
HETATM	3608	C1	PRP	194	-3.726	-0.854	41.879	1.00	0.00
C									
HETATM	3609	H2	PRP	194	-4.666	-1.198	41.446	1.00	0.00
H									
HETATM	3610	H3	PRP	194	-3.828	-0.631	42.941	1.00	0.00
H									
HETATM	3611	C2	PRP	194	-3.310	0.501	41.191	1.00	0.00
C									

HETATM	3612	H4	PRP	194	-2.688	0.373	40.305	1.00	0.00
H									
HETATM	3613	O2	PRP	194	-2.546	1.283	42.108	1.00	0.00
O									
HETATM	3614	H5	PRP	194	-1.605	1.274	41.918	1.00	0.00
H									
HETATM	3615	C3	PRP	194	-4.523	1.270	40.877	1.00	0.00
C									
HETATM	3616	H6	PRP	194	-4.299	2.337	40.859	1.00	0.00
H									
HETATM	3617	H7	PRP	194	-4.812	0.921	39.886	1.00	0.00
H									
HETATM	3618	H8	PRP	194	-5.386	1.116	41.525	1.00	0.00
H									
HETATM	3619	O1	PRP	195	-7.145	6.217	39.425	1.00	0.00
O									
HETATM	3620	H1	PRP	195	-6.840	6.474	40.299	1.00	0.00
H									
HETATM	3621	C1	PRP	195	-8.266	5.399	39.671	1.00	0.00
C									
HETATM	3622	H2	PRP	195	-8.580	5.426	40.714	1.00	0.00
H									
HETATM	3623	H3	PRP	195	-9.089	5.728	39.037	1.00	0.00
H									
HETATM	3624	C2	PRP	195	-7.981	3.907	39.387	1.00	0.00
C									
HETATM	3625	H4	PRP	195	-7.329	3.550	40.183	1.00	0.00
H									
HETATM	3626	O2	PRP	195	-7.404	3.883	38.060	1.00	0.00
O									
HETATM	3627	H5	PRP	195	-6.477	4.103	38.181	1.00	0.00
H									
HETATM	3628	C3	PRP	195	-9.375	3.188	39.435	1.00	0.00
C									
HETATM	3629	H6	PRP	195	-9.642	3.059	40.484	1.00	0.00
H									
HETATM	3630	H7	PRP	195	-10.132	3.656	38.806	1.00	0.00
H									
HETATM	3631	H8	PRP	195	-9.220	2.161	39.103	1.00	0.00
H									
HETATM	3632	O1	PRP	196	0.435	6.445	37.958	1.00	0.00
O									
HETATM	3633	H1	PRP	196	-0.514	6.330	37.872	1.00	0.00
H									
HETATM	3634	C1	PRP	196	0.678	5.897	39.245	1.00	0.00
C									
HETATM	3635	H2	PRP	196	0.357	6.570	40.041	1.00	0.00
H									
HETATM	3636	H3	PRP	196	0.045	5.011	39.194	1.00	0.00
H									
HETATM	3637	C2	PRP	196	2.120	5.540	39.571	1.00	0.00
C									
HETATM	3638	H4	PRP	196	2.209	5.520	40.657	1.00	0.00
H									
HETATM	3639	O2	PRP	196	2.782	6.555	38.883	1.00	0.00
O									

HETATM	3640	H5	PRP	196	2.125	6.686	38.196	1.00	0.00
H									
HETATM	3641	C3	PRP	196	2.621	4.230	38.962	1.00	0.00
C									
HETATM	3642	H6	PRP	196	2.047	3.431	39.432	1.00	0.00
H									
HETATM	3643	H7	PRP	196	2.401	4.197	37.895	1.00	0.00
H									
HETATM	3644	H8	PRP	196	3.669	4.026	39.179	1.00	0.00
H									
HETATM	3645	O1	PRP	197	-8.005	39.206	42.901	1.00	0.00
O									
HETATM	3646	H1	PRP	197	-8.181	39.937	43.498	1.00	0.00
H									
HETATM	3647	C1	PRP	197	-8.160	38.032	43.629	1.00	0.00
C									
HETATM	3648	H2	PRP	197	-7.893	37.136	43.068	1.00	0.00
H									
HETATM	3649	H3	PRP	197	-7.547	38.098	44.527	1.00	0.00
H									
HETATM	3650	C2	PRP	197	-9.610	37.978	43.983	1.00	0.00
C									
HETATM	3651	H4	PRP	197	-10.210	38.176	43.095	1.00	0.00
H									
HETATM	3652	O2	PRP	197	-9.789	38.912	45.072	1.00	0.00
O									
HETATM	3653	H5	PRP	197	-9.926	39.743	44.612	1.00	0.00
H									
HETATM	3654	C3	PRP	197	-10.028	36.690	44.617	1.00	0.00
C									
HETATM	3655	H6	PRP	197	-9.303	36.431	45.389	1.00	0.00
H									
HETATM	3656	H7	PRP	197	-11.024	36.639	45.056	1.00	0.00
H									
HETATM	3657	H8	PRP	197	-10.033	35.910	43.855	1.00	0.00
H									
HETATM	3658	O1	PRP	198	-0.464	24.698	31.337	1.00	0.00
O									
HETATM	3659	H1	PRP	198	-0.964	25.509	31.224	1.00	0.00
H									
HETATM	3660	C1	PRP	198	0.589	24.832	30.458	1.00	0.00
C									
HETATM	3661	H2	PRP	198	1.167	25.714	30.733	1.00	0.00
H									
HETATM	3662	H3	PRP	198	1.258	23.982	30.592	1.00	0.00
H									
HETATM	3663	C2	PRP	198	0.165	24.944	28.954	1.00	0.00
C									
HETATM	3664	H4	PRP	198	1.059	24.965	28.331	1.00	0.00
H									
HETATM	3665	O2	PRP	198	-0.495	26.233	28.761	1.00	0.00
O									
HETATM	3666	H5	PRP	198	-0.069	26.651	28.010	1.00	0.00
H									
HETATM	3667	C3	PRP	198	-0.840	23.857	28.537	1.00	0.00
C									

HETATM	3668	H6	PRP	198	-0.477	22.954	29.028	1.00	0.00
H									
HETATM	3669	H7	PRP	198	-1.839	24.108	28.895	1.00	0.00
H									
HETATM	3670	H8	PRP	198	-0.812	23.775	27.450	1.00	0.00
H									
HETATM	3671	O1	PRP	199	-9.559	17.371	44.008	1.00	0.00
O									
HETATM	3672	H1	PRP	199	-9.589	17.622	43.082	1.00	0.00
H									
HETATM	3673	C1	PRP	199	-10.090	18.358	44.843	1.00	0.00
C									
HETATM	3674	H2	PRP	199	-11.138	18.543	44.609	1.00	0.00
H									
HETATM	3675	H3	PRP	199	-9.913	18.107	45.888	1.00	0.00
H									
HETATM	3676	C2	PRP	199	-9.290	19.637	44.497	1.00	0.00
C									
HETATM	3677	H4	PRP	199	-9.368	19.940	43.453	1.00	0.00
H									
HETATM	3678	O2	PRP	199	-7.956	19.442	44.914	1.00	0.00
O									
HETATM	3679	H5	PRP	199	-7.935	19.083	45.804	1.00	0.00
H									
HETATM	3680	C3	PRP	199	-9.794	20.868	45.287	1.00	0.00
C									
HETATM	3681	H6	PRP	199	-10.626	20.562	45.921	1.00	0.00
H									
HETATM	3682	H7	PRP	199	-8.959	21.126	45.939	1.00	0.00
H									
HETATM	3683	H8	PRP	199	-10.083	21.681	44.621	1.00	0.00
H									
HETATM	3684	O1	PRP	200	-1.603	24.450	36.243	1.00	0.00
O									
HETATM	3685	H1	PRP	200	-1.561	24.517	37.199	1.00	0.00
H									
HETATM	3686	C1	PRP	200	-0.359	24.023	35.786	1.00	0.00
C									
HETATM	3687	H2	PRP	200	-0.347	23.972	34.697	1.00	0.00
H									
HETATM	3688	H3	PRP	200	0.368	24.797	36.031	1.00	0.00
H									
HETATM	3689	C2	PRP	200	0.037	22.622	36.300	1.00	0.00
C									
HETATM	3690	H4	PRP	200	0.690	22.079	35.617	1.00	0.00
H									
HETATM	3691	O2	PRP	200	-1.056	21.768	36.364	1.00	0.00
O									
HETATM	3692	H5	PRP	200	-1.825	22.177	36.769	1.00	0.00
H									
HETATM	3693	C3	PRP	200	0.770	22.725	37.606	1.00	0.00
C									
HETATM	3694	H6	PRP	200	0.274	23.425	38.279	1.00	0.00
H									
HETATM	3695	H7	PRP	200	0.822	21.748	38.087	1.00	0.00
H									

HETATM	3696	H8	PRP	200	1.785	23.088	37.445	1.00	0.00
H									
HETATM	3697	O1	PRP	201	3.678	20.288	43.666	1.00	0.00
O									
HETATM	3698	H1	PRP	201	3.624	19.905	42.788	1.00	0.00
H									
HETATM	3699	C1	PRP	201	2.353	20.216	44.112	1.00	0.00
C									
HETATM	3700	H2	PRP	201	2.318	19.417	44.852	1.00	0.00
H									
HETATM	3701	H3	PRP	201	2.021	21.157	44.552	1.00	0.00
H									
HETATM	3702	C2	PRP	201	1.440	19.695	43.062	1.00	0.00
C									
HETATM	3703	H4	PRP	201	1.992	19.203	42.261	1.00	0.00
H									
HETATM	3704	O2	PRP	201	0.912	20.816	42.481	1.00	0.00
O									
HETATM	3705	H5	PRP	201	1.658	21.414	42.394	1.00	0.00
H									
HETATM	3706	C3	PRP	201	0.437	18.780	43.713	1.00	0.00
C									
HETATM	3707	H6	PRP	201	1.021	17.860	43.758	1.00	0.00
H									
HETATM	3708	H7	PRP	201	0.095	19.168	44.672	1.00	0.00
H									
HETATM	3709	H8	PRP	201	-0.399	18.550	43.052	1.00	0.00
H									
HETATM	3710	O1	PRP	202	3.527	50.462	50.340	1.00	0.00
O									
HETATM	3711	H1	PRP	202	2.685	50.522	50.798	1.00	0.00
H									
HETATM	3712	C1	PRP	202	3.637	51.706	49.714	1.00	0.00
C									
HETATM	3713	H2	PRP	202	4.291	51.650	48.844	1.00	0.00
H									
HETATM	3714	H3	PRP	202	2.637	51.978	49.377	1.00	0.00
H									
HETATM	3715	C2	PRP	202	4.106	52.889	50.616	1.00	0.00
C									
HETATM	3716	H4	PRP	202	4.706	53.599	50.047	1.00	0.00
H									
HETATM	3717	O2	PRP	202	4.892	52.428	51.734	1.00	0.00
O									
HETATM	3718	H5	PRP	202	5.265	51.564	51.550	1.00	0.00
H									
HETATM	3719	C3	PRP	202	2.906	53.691	51.212	1.00	0.00
C									
HETATM	3720	H6	PRP	202	3.371	54.477	51.808	1.00	0.00
H									
HETATM	3721	H7	PRP	202	2.266	54.012	50.391	1.00	0.00
H									
HETATM	3722	H8	PRP	202	2.395	52.949	51.825	1.00	0.00
H									
HETATM	3723	O1	PRP	203	0.462	37.039	54.761	1.00	0.00
O									

HETATM	3724	H1	PRP	203	0.417	37.145	55.714	1.00	0.00
H									
HETATM	3725	C1	PRP	203	1.229	35.913	54.466	1.00	0.00
C									
HETATM	3726	H2	PRP	203	0.647	35.034	54.743	1.00	0.00
H									
HETATM	3727	H3	PRP	203	1.474	35.870	53.405	1.00	0.00
H									
HETATM	3728	C2	PRP	203	2.533	35.694	55.273	1.00	0.00
C									
HETATM	3729	H4	PRP	203	3.027	34.806	54.881	1.00	0.00
H									
HETATM	3730	O2	PRP	203	2.222	35.370	56.620	1.00	0.00
O									
HETATM	3731	H5	PRP	203	1.892	36.196	56.982	1.00	0.00
H									
HETATM	3732	C3	PRP	203	3.495	36.839	55.303	1.00	0.00
C									
HETATM	3733	H6	PRP	203	4.224	36.972	56.102	1.00	0.00
H									
HETATM	3734	H7	PRP	203	4.084	36.799	54.386	1.00	0.00
H									
HETATM	3735	H8	PRP	203	2.943	37.770	55.174	1.00	0.00
H									
HETATM	3736	O1	PRP	204	8.166	48.868	48.065	1.00	0.00
O									
HETATM	3737	H1	PRP	204	7.546	49.494	47.682	1.00	0.00
H									
HETATM	3738	C1	PRP	204	7.830	47.545	47.660	1.00	0.00
C									
HETATM	3739	H2	PRP	204	8.541	47.171	46.923	1.00	0.00
H									
HETATM	3740	H3	PRP	204	8.055	46.937	48.537	1.00	0.00
H									
HETATM	3741	C2	PRP	204	6.425	47.556	47.143	1.00	0.00
C									
HETATM	3742	H4	PRP	204	6.142	46.577	46.755	1.00	0.00
H									
HETATM	3743	O2	PRP	204	6.514	48.544	46.088	1.00	0.00
O									
HETATM	3744	H5	PRP	204	7.331	48.480	45.589	1.00	0.00
H									
HETATM	3745	C3	PRP	204	5.333	48.056	48.067	1.00	0.00
C									
HETATM	3746	H6	PRP	204	4.356	47.834	47.638	1.00	0.00
H									
HETATM	3747	H7	PRP	204	5.242	47.502	49.001	1.00	0.00
H									
HETATM	3748	H8	PRP	204	5.509	49.113	48.271	1.00	0.00
H									
HETATM	3749	O1	PRP	205	-0.740	48.681	51.159	1.00	0.00
O									
HETATM	3750	H1	PRP	205	-0.478	49.203	50.397	1.00	0.00
H									
HETATM	3751	C1	PRP	205	0.447	48.591	51.903	1.00	0.00
C									

HETATM	3752	H2	PRP	205	0.332	47.819	52.665	1.00	0.00
H									
HETATM	3753	H3	PRP	205	1.328	48.400	51.290	1.00	0.00
H									
HETATM	3754	C2	PRP	205	0.650	49.904	52.584	1.00	0.00
C									
HETATM	3755	H4	PRP	205	-0.301	50.188	53.035	1.00	0.00
H									
HETATM	3756	O2	PRP	205	1.104	50.843	51.581	1.00	0.00
O									
HETATM	3757	H5	PRP	205	0.645	51.636	51.866	1.00	0.00
H									
HETATM	3758	C3	PRP	205	1.828	49.855	53.596	1.00	0.00
C									
HETATM	3759	H6	PRP	205	1.528	49.223	54.432	1.00	0.00
H									
HETATM	3760	H7	PRP	205	2.724	49.466	53.112	1.00	0.00
H									
HETATM	3761	H8	PRP	205	2.087	50.813	54.048	1.00	0.00
H									
HETATM	3762	O1	PRP	206	8.776	32.945	49.926	1.00	0.00
O									
HETATM	3763	H1	PRP	206	9.383	33.660	49.724	1.00	0.00
H									
HETATM	3764	C1	PRP	206	7.506	33.265	49.374	1.00	0.00
C									
HETATM	3765	H2	PRP	206	7.044	32.278	49.351	1.00	0.00
H									
HETATM	3766	H3	PRP	206	7.006	33.918	50.090	1.00	0.00
H									
HETATM	3767	C2	PRP	206	7.634	33.882	47.927	1.00	0.00
C									
HETATM	3768	H4	PRP	206	8.013	33.063	47.317	1.00	0.00
H									
HETATM	3769	O2	PRP	206	8.382	35.138	48.028	1.00	0.00
O									
HETATM	3770	H5	PRP	206	9.300	34.927	48.214	1.00	0.00
H									
HETATM	3771	C3	PRP	206	6.258	34.406	47.480	1.00	0.00
C									
HETATM	3772	H6	PRP	206	5.482	33.668	47.276	1.00	0.00
H									
HETATM	3773	H7	PRP	206	5.885	35.165	48.168	1.00	0.00
H									
HETATM	3774	H8	PRP	206	6.429	34.940	46.545	1.00	0.00
H									
HETATM	3775	O1	PRP	207	5.660	38.006	59.240	1.00	0.00
O									
HETATM	3776	H1	PRP	207	6.288	38.014	58.514	1.00	0.00
H									
HETATM	3777	C1	PRP	207	6.088	36.927	60.090	1.00	0.00
C									
HETATM	3778	H2	PRP	207	7.052	37.224	60.503	1.00	0.00
H									
HETATM	3779	H3	PRP	207	5.405	36.818	60.932	1.00	0.00
H									

HETATM	3780	C2	PRP	207	6.095	35.514	59.389	1.00	0.00
C									
HETATM	3781	H4	PRP	207	6.279	34.840	60.226	1.00	0.00
H									
HETATM	3782	O2	PRP	207	7.168	35.464	58.435	1.00	0.00
O									
HETATM	3783	H5	PRP	207	6.817	35.623	57.555	1.00	0.00
H									
HETATM	3784	C3	PRP	207	4.759	35.171	58.811	1.00	0.00
C									
HETATM	3785	H6	PRP	207	4.673	35.787	57.916	1.00	0.00
H									
HETATM	3786	H7	PRP	207	4.733	34.107	58.574	1.00	0.00
H									
HETATM	3787	H8	PRP	207	3.923	35.436	59.458	1.00	0.00
H									
HETATM	3788	O1	PRP	208	7.646	40.261	59.145	1.00	0.00
O									
HETATM	3789	H1	PRP	208	7.884	40.994	58.573	1.00	0.00
H									
HETATM	3790	C1	PRP	208	8.515	40.139	60.265	1.00	0.00
C									
HETATM	3791	H2	PRP	208	8.506	40.982	60.956	1.00	0.00
H									
HETATM	3792	H3	PRP	208	8.210	39.262	60.836	1.00	0.00
H									
HETATM	3793	C2	PRP	208	9.948	39.813	59.755	1.00	0.00
C									
HETATM	3794	H4	PRP	208	10.454	39.372	60.613	1.00	0.00
H									
HETATM	3795	O2	PRP	208	10.505	41.049	59.416	1.00	0.00
O									
HETATM	3796	H5	PRP	208	10.636	41.641	60.160	1.00	0.00
H									
HETATM	3797	C3	PRP	208	10.230	38.809	58.609	1.00	0.00
C									
HETATM	3798	H6	PRP	208	11.301	38.608	58.563	1.00	0.00
H									
HETATM	3799	H7	PRP	208	9.785	37.824	58.752	1.00	0.00
H									
HETATM	3800	H8	PRP	208	9.863	39.173	57.650	1.00	0.00
H									
HETATM	3801	O1	PRP	209	12.124	49.885	49.767	1.00	0.00
O									
HETATM	3802	H1	PRP	209	12.821	49.572	50.347	1.00	0.00
H									
HETATM	3803	C1	PRP	209	12.417	49.856	48.362	1.00	0.00
C									
HETATM	3804	H2	PRP	209	12.215	50.833	47.923	1.00	0.00
H									
HETATM	3805	H3	PRP	209	13.486	49.673	48.256	1.00	0.00
H									
HETATM	3806	C2	PRP	209	11.502	48.851	47.676	1.00	0.00
C									
HETATM	3807	H4	PRP	209	10.475	49.189	47.817	1.00	0.00
H									

HETATM	3808	O2	PRP	209	11.715	47.566	48.325	1.00	0.00
O									
HETATM	3809	H5	PRP	209	11.703	47.732	49.271	1.00	0.00
H									
HETATM	3810	C3	PRP	209	11.794	48.725	46.240	1.00	0.00
C									
HETATM	3811	H6	PRP	209	11.150	48.053	45.673	1.00	0.00
H									
HETATM	3812	H7	PRP	209	11.697	49.664	45.696	1.00	0.00
H									
HETATM	3813	H8	PRP	209	12.812	48.371	46.074	1.00	0.00
H									
HETATM	3814	O1	PRP	210	41.312	53.155	36.316	1.00	0.00
O									
HETATM	3815	H1	PRP	210	41.365	52.722	35.460	1.00	0.00
H									
HETATM	3816	C1	PRP	210	40.598	52.344	37.249	1.00	0.00
C									
HETATM	3817	H2	PRP	210	39.529	52.436	37.053	1.00	0.00
H									
HETATM	3818	H3	PRP	210	40.855	51.313	37.009	1.00	0.00
H									
HETATM	3819	C2	PRP	210	41.013	52.455	38.621	1.00	0.00
C									
HETATM	3820	H4	PRP	210	40.341	51.740	39.096	1.00	0.00
H									
HETATM	3821	O2	PRP	210	40.738	53.797	39.040	1.00	0.00
O									
HETATM	3822	H5	PRP	210	40.453	54.287	38.265	1.00	0.00
H									
HETATM	3823	C3	PRP	210	42.425	52.177	38.878	1.00	0.00
C									
HETATM	3824	H6	PRP	210	42.611	51.204	38.425	1.00	0.00
H									
HETATM	3825	H7	PRP	210	43.090	52.819	38.300	1.00	0.00
H									
HETATM	3826	H8	PRP	210	42.652	52.162	39.944	1.00	0.00
H									
HETATM	3827	O1	PRP	211	27.156	18.246	53.953	1.00	0.00
O									
HETATM	3828	H1	PRP	211	27.679	17.571	53.515	1.00	0.00
H									
HETATM	3829	C1	PRP	211	27.511	19.598	53.654	1.00	0.00
C									
HETATM	3830	H2	PRP	211	28.259	19.984	54.345	1.00	0.00
H									
HETATM	3831	H3	PRP	211	27.885	19.742	52.640	1.00	0.00
H									
HETATM	3832	C2	PRP	211	26.261	20.537	53.482	1.00	0.00
C									
HETATM	3833	H4	PRP	211	26.425	21.615	53.492	1.00	0.00
H									
HETATM	3834	O2	PRP	211	25.541	20.199	54.748	1.00	0.00
O									
HETATM	3835	H5	PRP	211	25.704	19.255	54.812	1.00	0.00
H									

HETATM	3836	C3	PRP	211	25.240	20.149	52.406	1.00	0.00
C									
HETATM	3837	H6	PRP	211	24.202	20.346	52.674	1.00	0.00
H									
HETATM	3838	H7	PRP	211	25.338	20.650	51.443	1.00	0.00
H									
HETATM	3839	H8	PRP	211	25.379	19.069	52.351	1.00	0.00
H									
HETATM	3840	O1	PRP	212	5.275	39.495	49.378	1.00	0.00
O									
HETATM	3841	H1	PRP	212	5.073	38.741	48.820	1.00	0.00
H									
HETATM	3842	C1	PRP	212	6.655	39.460	49.680	1.00	0.00
C									
HETATM	3843	H2	PRP	212	7.179	40.072	48.947	1.00	0.00
H									
HETATM	3844	H3	PRP	212	6.736	39.816	50.707	1.00	0.00
H									
HETATM	3845	C2	PRP	212	7.246	38.095	49.690	1.00	0.00
C									
HETATM	3846	H4	PRP	212	8.291	38.186	49.984	1.00	0.00
H									
HETATM	3847	O2	PRP	212	7.274	37.582	48.335	1.00	0.00
O									
HETATM	3848	H5	PRP	212	7.630	36.697	48.227	1.00	0.00
H									
HETATM	3849	C3	PRP	212	6.389	37.055	50.455	1.00	0.00
C									
HETATM	3850	H6	PRP	212	5.985	37.457	51.385	1.00	0.00
H									
HETATM	3851	H7	PRP	212	5.581	36.664	49.836	1.00	0.00
H									
HETATM	3852	H8	PRP	212	6.977	36.154	50.630	1.00	0.00
H									
HETATM	3853	O1	PRP	213	7.325	53.396	56.296	1.00	0.00
O									
HETATM	3854	H1	PRP	213	7.500	53.561	55.366	1.00	0.00
H									
HETATM	3855	C1	PRP	213	5.941	53.455	56.542	1.00	0.00
C									
HETATM	3856	H2	PRP	213	5.615	52.826	57.370	1.00	0.00
H									
HETATM	3857	H3	PRP	213	5.855	54.524	56.736	1.00	0.00
H									
HETATM	3858	C2	PRP	213	5.182	53.186	55.181	1.00	0.00
C									
HETATM	3859	H4	PRP	213	5.311	52.123	54.977	1.00	0.00
H									
HETATM	3860	O2	PRP	213	5.626	53.836	54.053	1.00	0.00
O									
HETATM	3861	H5	PRP	213	5.237	53.425	53.277	1.00	0.00
H									
HETATM	3862	C3	PRP	213	3.743	53.428	55.414	1.00	0.00
C									
HETATM	3863	H6	PRP	213	3.391	52.834	56.257	1.00	0.00
H									

HETATM	3864	H7	PRP	213	3.602	54.498	55.568	1.00	0.00
H									
HETATM	3865	H8	PRP	213	3.088	53.122	54.598	1.00	0.00
H									
HETATM	3866	O1	PRP	214	24.894	47.454	56.269	1.00	0.00
O									
HETATM	3867	H1	PRP	214	24.139	47.009	56.662	1.00	0.00
H									
HETATM	3868	C1	PRP	214	24.477	48.568	55.447	1.00	0.00
C									
HETATM	3869	H2	PRP	214	24.140	49.410	56.052	1.00	0.00
H									
HETATM	3870	H3	PRP	214	25.314	48.986	54.887	1.00	0.00
H									
HETATM	3871	C2	PRP	214	23.341	48.303	54.471	1.00	0.00
C									
HETATM	3872	H4	PRP	214	23.217	49.165	53.815	1.00	0.00
H									
HETATM	3873	O2	PRP	214	22.139	48.017	55.054	1.00	0.00
O									
HETATM	3874	H5	PRP	214	21.932	48.848	55.487	1.00	0.00
H									
HETATM	3875	C3	PRP	214	23.630	47.077	53.671	1.00	0.00
C									
HETATM	3876	H6	PRP	214	24.489	47.318	53.045	1.00	0.00
H									
HETATM	3877	H7	PRP	214	23.882	46.185	54.244	1.00	0.00
H									
HETATM	3878	H8	PRP	214	22.857	46.750	52.975	1.00	0.00
H									
HETATM	3879	O1	PRP	215	11.352	41.911	54.461	1.00	0.00
O									
HETATM	3880	H1	PRP	215	12.071	41.321	54.697	1.00	0.00
H									
HETATM	3881	C1	PRP	215	10.239	41.126	53.997	1.00	0.00
C									
HETATM	3882	H2	PRP	215	9.937	40.313	54.657	1.00	0.00
H									
HETATM	3883	H3	PRP	215	9.511	41.934	53.917	1.00	0.00
H									
HETATM	3884	C2	PRP	215	10.584	40.539	52.618	1.00	0.00
C									
HETATM	3885	H4	PRP	215	11.589	40.118	52.593	1.00	0.00
H									
HETATM	3886	O2	PRP	215	10.364	41.551	51.741	1.00	0.00
O									
HETATM	3887	H5	PRP	215	9.916	41.131	51.003	1.00	0.00
H									
HETATM	3888	C3	PRP	215	9.630	39.359	52.313	1.00	0.00
C									
HETATM	3889	H6	PRP	215	9.805	38.602	53.077	1.00	0.00
H									
HETATM	3890	H7	PRP	215	8.603	39.722	52.264	1.00	0.00
H									
HETATM	3891	H8	PRP	215	9.851	38.857	51.371	1.00	0.00
H									

HETATM	3892	O1	PRP	216	15.969	37.577	46.595	1.00	0.00
O									
HETATM	3893	H1	PRP	216	15.707	38.040	47.394	1.00	0.00
H									
HETATM	3894	C1	PRP	216	15.161	38.180	45.562	1.00	0.00
C									
HETATM	3895	H2	PRP	216	15.058	37.354	44.859	1.00	0.00
H									
HETATM	3896	H3	PRP	216	14.231	38.411	46.081	1.00	0.00
H									
HETATM	3897	C2	PRP	216	15.687	39.549	45.078	1.00	0.00
C									
HETATM	3898	H4	PRP	216	14.993	40.033	44.390	1.00	0.00
H									
HETATM	3899	O2	PRP	216	16.904	39.240	44.409	1.00	0.00
O									
HETATM	3900	H5	PRP	216	17.198	38.457	44.879	1.00	0.00
H									
HETATM	3901	C3	PRP	216	16.021	40.532	46.274	1.00	0.00
C									
HETATM	3902	H6	PRP	216	16.451	41.468	45.917	1.00	0.00
H									
HETATM	3903	H7	PRP	216	15.100	40.920	46.709	1.00	0.00
H									
HETATM	3904	H8	PRP	216	16.665	40.156	47.069	1.00	0.00
H									
HETATM	3905	O1	PRP	217	28.344	46.414	47.684	1.00	0.00
O									
HETATM	3906	H1	PRP	217	27.676	46.468	46.997	1.00	0.00
H									
HETATM	3907	C1	PRP	217	28.894	45.162	47.381	1.00	0.00
C									
HETATM	3908	H2	PRP	217	29.482	44.887	48.256	1.00	0.00
H									
HETATM	3909	H3	PRP	217	28.109	44.410	47.301	1.00	0.00
H									
HETATM	3910	C2	PRP	217	29.762	45.401	46.108	1.00	0.00
C									
HETATM	3911	H4	PRP	217	30.469	46.206	46.307	1.00	0.00
H									
HETATM	3912	O2	PRP	217	28.823	45.838	45.118	1.00	0.00
O									
HETATM	3913	H5	PRP	217	28.621	45.179	44.450	1.00	0.00
H									
HETATM	3914	C3	PRP	217	30.505	44.073	45.672	1.00	0.00
C									
HETATM	3915	H6	PRP	217	31.225	44.292	44.884	1.00	0.00
H									
HETATM	3916	H7	PRP	217	31.027	43.829	46.597	1.00	0.00
H									
HETATM	3917	H8	PRP	217	29.961	43.214	45.277	1.00	0.00
H									
HETATM	3918	O1	PRP	218	7.707	22.750	53.519	1.00	0.00
O									
HETATM	3919	H1	PRP	218	7.627	21.861	53.164	1.00	0.00
H									

HETATM	3920	C1	PRP	218	9.010	23.244	53.173	1.00	0.00
C									
HETATM	3921	H2	PRP	218	9.256	22.621	52.312	1.00	0.00
H									
HETATM	3922	H3	PRP	218	8.893	24.274	52.838	1.00	0.00
H									
HETATM	3923	C2	PRP	218	9.864	22.947	54.373	1.00	0.00
C									
HETATM	3924	H4	PRP	218	9.741	21.903	54.663	1.00	0.00
H									
HETATM	3925	O2	PRP	218	9.566	23.814	55.487	1.00	0.00
O									
HETATM	3926	H5	PRP	218	10.376	24.008	55.963	1.00	0.00
H									
HETATM	3927	C3	PRP	218	11.383	23.050	54.083	1.00	0.00
C									
HETATM	3928	H6	PRP	218	11.694	22.539	53.171	1.00	0.00
H									
HETATM	3929	H7	PRP	218	11.664	24.102	54.114	1.00	0.00
H									
HETATM	3930	H8	PRP	218	12.007	22.687	54.899	1.00	0.00
H									
HETATM	3931	O1	PRP	219	25.649	20.943	40.549	1.00	0.00
O									
HETATM	3932	H1	PRP	219	25.014	21.603	40.261	1.00	0.00
H									
HETATM	3933	C1	PRP	219	25.118	20.135	41.619	1.00	0.00
C									
HETATM	3934	H2	PRP	219	24.452	19.316	41.348	1.00	0.00
H									
HETATM	3935	H3	PRP	219	25.980	19.619	42.040	1.00	0.00
H									
HETATM	3936	C2	PRP	219	24.521	21.027	42.663	1.00	0.00
C									
HETATM	3937	H4	PRP	219	24.346	20.385	43.526	1.00	0.00
H									
HETATM	3938	O2	PRP	219	23.293	21.556	42.227	1.00	0.00
O									
HETATM	3939	H5	PRP	219	23.176	22.482	42.454	1.00	0.00
H									
HETATM	3940	C3	PRP	219	25.487	22.222	43.036	1.00	0.00
C									
HETATM	3941	H6	PRP	219	25.500	23.067	42.348	1.00	0.00
H									
HETATM	3942	H7	PRP	219	25.175	22.639	43.994	1.00	0.00
H									
HETATM	3943	H8	PRP	219	26.527	21.906	43.119	1.00	0.00
H									
HETATM	3944	O1	PRP	220	13.331	29.946	47.354	1.00	0.00
O									
HETATM	3945	H1	PRP	220	12.856	29.138	47.562	1.00	0.00
H									
HETATM	3946	C1	PRP	220	12.482	30.748	46.619	1.00	0.00
C									
HETATM	3947	H2	PRP	220	12.441	30.272	45.639	1.00	0.00
H									

HETATM	3948	H3	PRP	220	11.517	30.720	47.124	1.00	0.00
H									
HETATM	3949	C2	PRP	220	12.945	32.221	46.628	1.00	0.00
C									
HETATM	3950	H4	PRP	220	14.000	32.359	46.391	1.00	0.00
H									
HETATM	3951	O2	PRP	220	12.680	32.793	47.898	1.00	0.00
O									
HETATM	3952	H5	PRP	220	12.487	32.018	48.430	1.00	0.00
H									
HETATM	3953	C3	PRP	220	12.277	33.044	45.617	1.00	0.00
C									
HETATM	3954	H6	PRP	220	12.765	34.018	45.575	1.00	0.00
H									
HETATM	3955	H7	PRP	220	12.421	32.601	44.631	1.00	0.00
H									
HETATM	3956	H8	PRP	220	11.200	33.091	45.780	1.00	0.00
H									
HETATM	3957	O1	PRP	221	6.310	23.684	55.661	1.00	0.00
O									
HETATM	3958	H1	PRP	221	6.814	23.626	54.846	1.00	0.00
H									
HETATM	3959	C1	PRP	221	5.965	25.011	56.096	1.00	0.00
C									
HETATM	3960	H2	PRP	221	5.741	25.672	55.259	1.00	0.00
H									
HETATM	3961	H3	PRP	221	5.058	25.073	56.696	1.00	0.00
H									
HETATM	3962	C2	PRP	221	7.131	25.683	56.873	1.00	0.00
C									
HETATM	3963	H4	PRP	221	7.890	25.911	56.125	1.00	0.00
H									
HETATM	3964	O2	PRP	221	7.735	24.772	57.825	1.00	0.00
O									
HETATM	3965	H5	PRP	221	8.080	24.034	57.317	1.00	0.00
H									
HETATM	3966	C3	PRP	221	6.799	26.941	57.553	1.00	0.00
C									
HETATM	3967	H6	PRP	221	6.151	26.765	58.412	1.00	0.00
H									
HETATM	3968	H7	PRP	221	7.741	27.175	58.049	1.00	0.00
H									
HETATM	3969	H8	PRP	221	6.546	27.757	56.876	1.00	0.00
H									
HETATM	3970	O1	PRP	222	21.596	40.442	35.795	1.00	0.00
O									
HETATM	3971	H1	PRP	222	22.352	39.875	35.968	1.00	0.00
H									
HETATM	3972	C1	PRP	222	21.892	41.774	36.183	1.00	0.00
C									
HETATM	3973	H2	PRP	222	22.941	41.991	35.982	1.00	0.00
H									
HETATM	3974	H3	PRP	222	21.403	42.473	35.504	1.00	0.00
H									
HETATM	3975	C2	PRP	222	21.451	42.009	37.639	1.00	0.00
C									

HETATM	3976	H4	PRP	222	22.178	41.569	38.321	1.00	0.00
H									
HETATM	3977	O2	PRP	222	20.154	41.420	37.900	1.00	0.00
O									
HETATM	3978	H5	PRP	222	20.129	40.713	37.252	1.00	0.00
H									
HETATM	3979	C3	PRP	222	21.402	43.473	37.995	1.00	0.00
C									
HETATM	3980	H6	PRP	222	20.435	43.774	38.399	1.00	0.00
H									
HETATM	3981	H7	PRP	222	22.191	43.712	38.708	1.00	0.00
H									
HETATM	3982	H8	PRP	222	21.559	44.042	37.079	1.00	0.00
H									
HETATM	3983	O1	PRP	223	19.110	41.302	44.739	1.00	0.00
O									
HETATM	3984	H1	PRP	223	18.279	41.071	44.318	1.00	0.00
H									
HETATM	3985	C1	PRP	223	19.512	42.495	44.051	1.00	0.00
C									
HETATM	3986	H2	PRP	223	19.983	43.200	44.736	1.00	0.00
H									
HETATM	3987	H3	PRP	223	20.128	42.178	43.210	1.00	0.00
H									
HETATM	3988	C2	PRP	223	18.273	43.215	43.552	1.00	0.00
C									
HETATM	3989	H4	PRP	223	17.813	43.585	44.468	1.00	0.00
H									
HETATM	3990	O2	PRP	223	17.446	42.371	42.776	1.00	0.00
O									
HETATM	3991	H5	PRP	223	18.112	42.006	42.189	1.00	0.00
H									
HETATM	3992	C3	PRP	223	18.687	44.434	42.716	1.00	0.00
C									
HETATM	3993	H6	PRP	223	19.313	45.042	43.370	1.00	0.00
H									
HETATM	3994	H7	PRP	223	19.159	44.190	41.765	1.00	0.00
H									
HETATM	3995	H8	PRP	223	17.905	45.169	42.522	1.00	0.00
H									
HETATM	3996	O1	PRP	224	31.293	44.084	37.621	1.00	0.00
O									
HETATM	3997	H1	PRP	224	32.171	44.378	37.367	1.00	0.00
H									
HETATM	3998	C1	PRP	224	31.428	43.700	38.954	1.00	0.00
C									
HETATM	3999	H2	PRP	224	30.533	43.142	39.228	1.00	0.00
H									
HETATM	4000	H3	PRP	224	32.167	42.930	39.172	1.00	0.00
H									
HETATM	4001	C2	PRP	224	31.534	44.867	39.940	1.00	0.00
C									
HETATM	4002	H4	PRP	224	30.849	45.641	39.595	1.00	0.00
H									
HETATM	4003	O2	PRP	224	32.848	45.384	40.176	1.00	0.00
O									

HETATM	4004	H5	PRP	224	32.817	46.174	40.721	1.00	0.00
H									
HETATM	4005	C3	PRP	224	30.960	44.418	41.301	1.00	0.00
C									
HETATM	4006	H6	PRP	224	31.594	43.731	41.863	1.00	0.00
H									
HETATM	4007	H7	PRP	224	30.738	45.300	41.901	1.00	0.00
H									
HETATM	4008	H8	PRP	224	29.996	43.929	41.163	1.00	0.00
H									
HETATM	4009	O1	PRP	225	1.714	44.248	53.029	1.00	0.00
O									
HETATM	4010	H1	PRP	225	2.559	43.915	53.340	1.00	0.00
H									
HETATM	4011	C1	PRP	225	1.761	44.703	51.668	1.00	0.00
C									
HETATM	4012	H2	PRP	225	2.077	45.743	51.588	1.00	0.00
H									
HETATM	4013	H3	PRP	225	2.396	44.002	51.125	1.00	0.00
H									
HETATM	4014	C2	PRP	225	0.408	44.551	50.925	1.00	0.00
C									
HETATM	4015	H4	PRP	225	-0.392	44.899	51.578	1.00	0.00
H									
HETATM	4016	O2	PRP	225	0.004	43.186	50.498	1.00	0.00
O									
HETATM	4017	H5	PRP	225	-0.281	42.703	51.277	1.00	0.00
H									
HETATM	4018	C3	PRP	225	0.258	45.321	49.635	1.00	0.00
C									
HETATM	4019	H6	PRP	225	0.895	44.854	48.884	1.00	0.00
H									
HETATM	4020	H7	PRP	225	-0.759	45.170	49.275	1.00	0.00
H									
HETATM	4021	H8	PRP	225	0.521	46.367	49.794	1.00	0.00
H									
HETATM	4022	O1	PRP	226	6.037	44.490	55.033	1.00	0.00
O									
HETATM	4023	H1	PRP	226	6.287	43.619	54.716	1.00	0.00
H									
HETATM	4024	C1	PRP	226	5.277	45.118	53.983	1.00	0.00
C									
HETATM	4025	H2	PRP	226	4.227	45.062	54.272	1.00	0.00
H									
HETATM	4026	H3	PRP	226	5.595	46.156	53.887	1.00	0.00
H									
HETATM	4027	C2	PRP	226	5.354	44.440	52.662	1.00	0.00
C									
HETATM	4028	H4	PRP	226	4.786	45.012	51.928	1.00	0.00
H									
HETATM	4029	O2	PRP	226	4.797	43.184	52.634	1.00	0.00
O									
HETATM	4030	H5	PRP	226	4.601	42.960	51.721	1.00	0.00
H									
HETATM	4031	C3	PRP	226	6.807	44.400	52.155	1.00	0.00
C									

HETATM	4032	H6	PRP	226	7.345	45.344	52.069	1.00	0.00
H									
HETATM	4033	H7	PRP	226	7.324	43.733	52.844	1.00	0.00
H									
HETATM	4034	H8	PRP	226	6.925	43.873	51.208	1.00	0.00
H									
HETATM	4035	O1	PRP	227	-6.379	30.165	47.496	1.00	0.00
O									
HETATM	4036	H1	PRP	227	-7.255	30.393	47.177	1.00	0.00
H									
HETATM	4037	C1	PRP	227	-6.281	28.824	47.671	1.00	0.00
C									
HETATM	4038	H2	PRP	227	-5.227	28.549	47.697	1.00	0.00
H									
HETATM	4039	H3	PRP	227	-6.762	28.474	48.585	1.00	0.00
H									
HETATM	4040	C2	PRP	227	-7.121	28.105	46.513	1.00	0.00
C									
HETATM	4041	H4	PRP	227	-6.726	28.226	45.504	1.00	0.00
H									
HETATM	4042	O2	PRP	227	-8.527	28.531	46.585	1.00	0.00
O									
HETATM	4043	H5	PRP	227	-8.886	28.460	47.473	1.00	0.00
H									
HETATM	4044	C3	PRP	227	-7.257	26.639	46.767	1.00	0.00
C									
HETATM	4045	H6	PRP	227	-7.395	26.475	47.836	1.00	0.00
H									
HETATM	4046	H7	PRP	227	-7.893	26.072	46.087	1.00	0.00
H									
HETATM	4047	H8	PRP	227	-6.243	26.302	46.551	1.00	0.00
H									
HETATM	4048	O1	PRP	228	-1.839	42.769	47.994	1.00	0.00
O									
HETATM	4049	H1	PRP	228	-1.397	43.098	48.780	1.00	0.00
H									
HETATM	4050	C1	PRP	228	-0.776	42.101	47.393	1.00	0.00
C									
HETATM	4051	H2	PRP	228	-0.929	42.211	46.319	1.00	0.00
H									
HETATM	4052	H3	PRP	228	0.143	42.535	47.785	1.00	0.00
H									
HETATM	4053	C2	PRP	228	-0.723	40.629	47.628	1.00	0.00
C									
HETATM	4054	H4	PRP	228	-1.733	40.290	47.858	1.00	0.00
H									
HETATM	4055	O2	PRP	228	0.093	40.261	48.676	1.00	0.00
O									
HETATM	4056	H5	PRP	228	0.989	40.553	48.491	1.00	0.00
H									
HETATM	4057	C3	PRP	228	-0.206	39.940	46.357	1.00	0.00
C									
HETATM	4058	H6	PRP	228	-0.377	38.866	46.290	1.00	0.00
H									
HETATM	4059	H7	PRP	228	-0.764	40.343	45.512	1.00	0.00
H									

HETATM	4060	H8	PRP	228	0.852	40.151	46.201	1.00	0.00
H									
HETATM	4061	O1	PRP	229	12.041	36.331	47.197	1.00	0.00
O									
HETATM	4062	H1	PRP	229	11.604	35.646	46.686	1.00	0.00
H									
HETATM	4063	C1	PRP	229	11.283	36.840	48.297	1.00	0.00
C									
HETATM	4064	H2	PRP	229	11.567	37.862	48.548	1.00	0.00
H									
HETATM	4065	H3	PRP	229	10.262	36.941	47.930	1.00	0.00
H									
HETATM	4066	C2	PRP	229	11.413	35.849	49.409	1.00	0.00
C									
HETATM	4067	H4	PRP	229	12.469	35.795	49.674	1.00	0.00
H									
HETATM	4068	O2	PRP	229	10.928	34.579	49.022	1.00	0.00
O									
HETATM	4069	H5	PRP	229	11.639	33.990	48.759	1.00	0.00
H									
HETATM	4070	C3	PRP	229	10.461	36.204	50.654	1.00	0.00
C									
HETATM	4071	H6	PRP	229	10.591	35.419	51.399	1.00	0.00
H									
HETATM	4072	H7	PRP	229	10.844	37.140	51.059	1.00	0.00
H									
HETATM	4073	H8	PRP	229	9.441	36.146	50.273	1.00	0.00
H									
HETATM	4074	O1	PRP	230	-7.884	33.310	43.019	1.00	0.00
O									
HETATM	4075	H1	PRP	230	-7.581	33.694	43.845	1.00	0.00
H									
HETATM	4076	C1	PRP	230	-6.819	33.125	42.078	1.00	0.00
C									
HETATM	4077	H2	PRP	230	-7.191	33.184	41.056	1.00	0.00
H									
HETATM	4078	H3	PRP	230	-6.208	34.005	42.281	1.00	0.00
H									
HETATM	4079	C2	PRP	230	-6.082	31.812	42.324	1.00	0.00
C									
HETATM	4080	H4	PRP	230	-5.125	31.845	41.804	1.00	0.00
H									
HETATM	4081	O2	PRP	230	-6.839	30.705	41.896	1.00	0.00
O									
HETATM	4082	H5	PRP	230	-7.446	30.426	42.586	1.00	0.00
H									
HETATM	4083	C3	PRP	230	-5.722	31.568	43.835	1.00	0.00
C									
HETATM	4084	H6	PRP	230	-5.243	30.589	43.878	1.00	0.00
H									
HETATM	4085	H7	PRP	230	-4.920	32.248	44.121	1.00	0.00
H									
HETATM	4086	H8	PRP	230	-6.521	31.566	44.576	1.00	0.00
H									
HETATM	4087	O1	PRP	231	7.786	18.236	45.174	1.00	0.00
O									

HETATM	4088	H1	PRP	231	6.994	17.923	45.617	1.00	0.00
H									
HETATM	4089	C1	PRP	231	8.695	18.696	46.235	1.00	0.00
C									
HETATM	4090	H2	PRP	231	9.539	18.010	46.311	1.00	0.00
H									
HETATM	4091	H3	PRP	231	9.108	19.697	46.108	1.00	0.00
H									
HETATM	4092	C2	PRP	231	8.019	18.580	47.560	1.00	0.00
C									
HETATM	4093	H4	PRP	231	8.802	18.814	48.281	1.00	0.00
H									
HETATM	4094	O2	PRP	231	7.450	17.350	47.771	1.00	0.00
O									
HETATM	4095	H5	PRP	231	8.070	16.621	47.847	1.00	0.00
H									
HETATM	4096	C3	PRP	231	6.844	19.524	47.687	1.00	0.00
C									
HETATM	4097	H6	PRP	231	6.516	19.659	48.718	1.00	0.00
H									
HETATM	4098	H7	PRP	231	7.079	20.562	47.451	1.00	0.00
H									
HETATM	4099	H8	PRP	231	5.980	19.118	47.162	1.00	0.00
H									
HETATM	4100	O1	PRP	232	10.923	31.952	41.697	1.00	0.00
O									
HETATM	4101	H1	PRP	232	10.501	32.092	40.846	1.00	0.00
H									
HETATM	4102	C1	PRP	232	9.961	31.716	42.757	1.00	0.00
C									
HETATM	4103	H2	PRP	232	9.262	30.911	42.531	1.00	0.00
H									
HETATM	4104	H3	PRP	232	10.510	31.438	43.656	1.00	0.00
H									
HETATM	4105	C2	PRP	232	9.055	32.997	42.952	1.00	0.00
C									
HETATM	4106	H4	PRP	232	8.561	33.176	41.997	1.00	0.00
H									
HETATM	4107	O2	PRP	232	9.994	34.063	43.146	1.00	0.00
O									
HETATM	4108	H5	PRP	232	10.744	33.725	42.651	1.00	0.00
H									
HETATM	4109	C3	PRP	232	8.244	33.040	44.287	1.00	0.00
C									
HETATM	4110	H6	PRP	232	7.728	33.999	44.247	1.00	0.00
H									
HETATM	4111	H7	PRP	232	7.619	32.147	44.280	1.00	0.00
H									
HETATM	4112	H8	PRP	232	8.939	33.063	45.126	1.00	0.00
H									
HETATM	4113	O1	PRP	233	7.924	34.776	39.082	1.00	0.00
O									
HETATM	4114	H1	PRP	233	8.373	33.950	39.276	1.00	0.00
H									
HETATM	4115	C1	PRP	233	8.685	35.687	39.825	1.00	0.00
C									

HETATM	4116	H2	PRP	233	8.200	36.634	39.590	1.00	0.00
H									
HETATM	4117	H3	PRP	233	8.624	35.441	40.886	1.00	0.00
H									
HETATM	4118	C2	PRP	233	10.219	35.650	39.549	1.00	0.00
C									
HETATM	4119	H4	PRP	233	10.346	35.629	38.467	1.00	0.00
H									
HETATM	4120	O2	PRP	233	10.736	34.433	39.998	1.00	0.00
O									
HETATM	4121	H5	PRP	233	11.650	34.573	40.255	1.00	0.00
H									
HETATM	4122	C3	PRP	233	10.831	36.814	40.341	1.00	0.00
C									
HETATM	4123	H6	PRP	233	10.393	36.741	41.336	1.00	0.00
H									
HETATM	4124	H7	PRP	233	11.921	36.776	40.342	1.00	0.00
H									
HETATM	4125	H8	PRP	233	10.524	37.746	39.866	1.00	0.00
H									
HETATM	4126	O1	PRP	234	5.640	57.113	45.745	1.00	0.00
O									
HETATM	4127	H1	PRP	234	6.118	56.890	44.943	1.00	0.00
H									
HETATM	4128	C1	PRP	234	4.242	56.720	45.588	1.00	0.00
C									
HETATM	4129	H2	PRP	234	3.808	57.490	44.951	1.00	0.00
H									
HETATM	4130	H3	PRP	234	4.217	55.728	45.137	1.00	0.00
H									
HETATM	4131	C2	PRP	234	3.436	56.732	46.897	1.00	0.00
C									
HETATM	4132	H4	PRP	234	2.392	56.544	46.647	1.00	0.00
H									
HETATM	4133	O2	PRP	234	3.578	58.057	47.543	1.00	0.00
O									
HETATM	4134	H5	PRP	234	4.500	58.324	47.537	1.00	0.00
H									
HETATM	4135	C3	PRP	234	3.826	55.527	47.723	1.00	0.00
C									
HETATM	4136	H6	PRP	234	3.747	54.623	47.118	1.00	0.00
H									
HETATM	4137	H7	PRP	234	4.881	55.699	47.937	1.00	0.00
H									
HETATM	4138	H8	PRP	234	3.222	55.528	48.630	1.00	0.00
H									
HETATM	4139	O1	PRP	235	24.587	34.365	52.412	1.00	0.00
O									
HETATM	4140	H1	PRP	235	24.270	33.633	51.878	1.00	0.00
H									
HETATM	4141	C1	PRP	235	23.572	35.426	52.458	1.00	0.00
C									
HETATM	4142	H2	PRP	235	23.764	36.123	51.642	1.00	0.00
H									
HETATM	4143	H3	PRP	235	22.552	35.042	52.463	1.00	0.00
H									

HETATM	4144	C2	PRP	235	23.786	36.218	53.788	1.00	0.00
C									
HETATM	4145	H4	PRP	235	24.777	36.673	53.783	1.00	0.00
H									
HETATM	4146	O2	PRP	235	23.510	35.412	54.967	1.00	0.00
O									
HETATM	4147	H5	PRP	235	24.172	34.718	54.992	1.00	0.00
H									
HETATM	4148	C3	PRP	235	22.774	37.311	53.675	1.00	0.00
C									
HETATM	4149	H6	PRP	235	22.840	38.089	54.435	1.00	0.00
H									
HETATM	4150	H7	PRP	235	22.929	37.873	52.754	1.00	0.00
H									
HETATM	4151	H8	PRP	235	21.802	36.818	53.658	1.00	0.00
H									
HETATM	4152	O1	PRP	236	16.041	51.366	42.093	1.00	0.00
O									
HETATM	4153	H1	PRP	236	15.845	50.480	41.781	1.00	0.00
H									
HETATM	4154	C1	PRP	236	17.215	51.794	41.402	1.00	0.00
C									
HETATM	4155	H2	PRP	236	18.038	51.500	42.053	1.00	0.00
H									
HETATM	4156	H3	PRP	236	17.182	51.304	40.429	1.00	0.00
H									
HETATM	4157	C2	PRP	236	17.217	53.287	41.170	1.00	0.00
C									
HETATM	4158	H4	PRP	236	17.231	53.818	42.122	1.00	0.00
H									
HETATM	4159	O2	PRP	236	16.047	53.772	40.516	1.00	0.00
O									
HETATM	4160	H5	PRP	236	15.479	54.141	41.195	1.00	0.00
H									
HETATM	4161	C3	PRP	236	18.489	53.753	40.387	1.00	0.00
C									
HETATM	4162	H6	PRP	236	19.303	53.061	40.604	1.00	0.00
H									
HETATM	4163	H7	PRP	236	18.256	53.651	39.327	1.00	0.00
H									
HETATM	4164	H8	PRP	236	18.926	54.711	40.671	1.00	0.00
H									
HETATM	4165	O1	PRP	237	-2.608	26.620	30.765	1.00	0.00
O									
HETATM	4166	H1	PRP	237	-2.135	26.704	29.934	1.00	0.00
H									
HETATM	4167	C1	PRP	237	-3.896	26.292	30.517	1.00	0.00
C									
HETATM	4168	H2	PRP	237	-4.348	26.916	29.746	1.00	0.00
H									
HETATM	4169	H3	PRP	237	-3.812	25.248	30.215	1.00	0.00
H									
HETATM	4170	C2	PRP	237	-4.913	26.207	31.744	1.00	0.00
C									
HETATM	4171	H4	PRP	237	-4.980	27.172	32.245	1.00	0.00
H									

HETATM	4172	O2	PRP	237	-4.685	25.216	32.700	1.00	0.00
O									
HETATM	4173	H5	PRP	237	-3.987	25.545	33.270	1.00	0.00
H									
HETATM	4174	C3	PRP	237	-6.290	25.746	31.185	1.00	0.00
C									
HETATM	4175	H6	PRP	237	-6.832	26.535	30.663	1.00	0.00
H									
HETATM	4176	H7	PRP	237	-6.108	24.953	30.459	1.00	0.00
H									
HETATM	4177	H8	PRP	237	-6.822	25.263	32.005	1.00	0.00
H									
HETATM	4178	O1	PRP	238	0.536	26.742	53.157	1.00	0.00
O									
HETATM	4179	H1	PRP	238	0.146	26.243	52.435	1.00	0.00
H									
HETATM	4180	C1	PRP	238	1.899	27.063	52.942	1.00	0.00
C									
HETATM	4181	H2	PRP	238	1.965	27.265	51.873	1.00	0.00
H									
HETATM	4182	H3	PRP	238	2.193	28.020	53.372	1.00	0.00
H									
HETATM	4183	C2	PRP	238	2.867	25.956	53.285	1.00	0.00
C									
HETATM	4184	H4	PRP	238	3.876	26.363	53.227	1.00	0.00
H									
HETATM	4185	O2	PRP	238	2.680	24.876	52.351	1.00	0.00
O									
HETATM	4186	H5	PRP	238	3.062	24.043	52.634	1.00	0.00
H									
HETATM	4187	C3	PRP	238	2.692	25.277	54.706	1.00	0.00
C									
HETATM	4188	H6	PRP	238	3.330	24.397	54.784	1.00	0.00
H									
HETATM	4189	H7	PRP	238	3.017	26.090	55.355	1.00	0.00
H									
HETATM	4190	H8	PRP	238	1.641	25.020	54.832	1.00	0.00
H									
HETATM	4191	O1	PRP	239	9.861	37.194	70.728	1.00	0.00
O									
HETATM	4192	H1	PRP	239	9.008	37.150	70.290	1.00	0.00
H									
HETATM	4193	C1	PRP	239	10.752	36.380	70.040	1.00	0.00
C									
HETATM	4194	H2	PRP	239	10.590	36.621	68.989	1.00	0.00
H									
HETATM	4195	H3	PRP	239	11.781	36.500	70.378	1.00	0.00
H									
HETATM	4196	C2	PRP	239	10.171	34.936	70.256	1.00	0.00
C									
HETATM	4197	H4	PRP	239	10.586	34.329	69.451	1.00	0.00
H									
HETATM	4198	O2	PRP	239	8.760	34.855	70.052	1.00	0.00
O									
HETATM	4199	H5	PRP	239	8.559	33.923	69.938	1.00	0.00
H									

HETATM	4200	C3	PRP	239	10.661	34.484	71.652	1.00	0.00
C									
HETATM	4201	H6	PRP	239	10.054	34.971	72.415	1.00	0.00
H									
HETATM	4202	H7	PRP	239	10.593	33.397	71.684	1.00	0.00
H									
HETATM	4203	H8	PRP	239	11.704	34.776	71.778	1.00	0.00
H									
HETATM	4204	O1	PRP	240	9.080	36.210	44.875	1.00	0.00
O									
HETATM	4205	H1	PRP	240	9.143	35.412	44.345	1.00	0.00
H									
HETATM	4206	C1	PRP	240	9.845	37.264	44.174	1.00	0.00
C									
HETATM	4207	H2	PRP	240	10.767	36.751	43.900	1.00	0.00
H									
HETATM	4208	H3	PRP	240	9.289	37.541	43.278	1.00	0.00
H									
HETATM	4209	C2	PRP	240	9.962	38.502	44.976	1.00	0.00
C									
HETATM	4210	H4	PRP	240	10.117	38.300	46.036	1.00	0.00
H									
HETATM	4211	O2	PRP	240	8.890	39.246	44.738	1.00	0.00
O									
HETATM	4212	H5	PRP	240	8.235	38.737	45.221	1.00	0.00
H									
HETATM	4213	C3	PRP	240	11.183	39.241	44.369	1.00	0.00
C									
HETATM	4214	H6	PRP	240	10.956	39.505	43.336	1.00	0.00
H									
HETATM	4215	H7	PRP	240	11.308	40.162	44.939	1.00	0.00
H									
HETATM	4216	H8	PRP	240	12.068	38.621	44.509	1.00	0.00
H									
HETATM	4217	O1	PRP	241	0.253	29.954	29.037	1.00	0.00
O									
HETATM	4218	H1	PRP	241	-0.351	30.622	29.371	1.00	0.00
H									
HETATM	4219	C1	PRP	241	1.407	29.814	29.868	1.00	0.00
C									
HETATM	4220	H2	PRP	241	1.323	29.256	30.801	1.00	0.00
H									
HETATM	4221	H3	PRP	241	2.124	29.244	29.278	1.00	0.00
H									
HETATM	4222	C2	PRP	241	1.854	31.215	30.272	1.00	0.00
C									
HETATM	4223	H4	PRP	241	2.933	31.214	30.429	1.00	0.00
H									
HETATM	4224	O2	PRP	241	1.145	31.558	31.463	1.00	0.00
O									
HETATM	4225	H5	PRP	241	1.516	32.362	31.835	1.00	0.00
H									
HETATM	4226	C3	PRP	241	1.513	32.219	29.245	1.00	0.00
C									
HETATM	4227	H6	PRP	241	0.434	32.356	29.325	1.00	0.00
H									

HETATM	4228	H7	PRP	241	2.053	33.147	29.433	1.00	0.00
H									
HETATM	4229	H8	PRP	241	1.743	31.928	28.221	1.00	0.00
H									
HETATM	4230	O1	PRP	242	16.007	44.708	46.315	1.00	0.00
O									
HETATM	4231	H1	PRP	242	15.377	44.830	45.600	1.00	0.00
H									
HETATM	4232	C1	PRP	242	15.252	44.380	47.462	1.00	0.00
C									
HETATM	4233	H2	PRP	242	14.570	43.565	47.222	1.00	0.00
H									
HETATM	4234	H3	PRP	242	15.877	43.929	48.232	1.00	0.00
H									
HETATM	4235	C2	PRP	242	14.368	45.531	48.053	1.00	0.00
C									
HETATM	4236	H4	PRP	242	13.904	45.238	48.995	1.00	0.00
H									
HETATM	4237	O2	PRP	242	13.353	45.697	47.129	1.00	0.00
O									
HETATM	4238	H5	PRP	242	12.625	46.165	47.545	1.00	0.00
H									
HETATM	4239	C3	PRP	242	15.097	46.898	48.299	1.00	0.00
C									
HETATM	4240	H6	PRP	242	14.389	47.570	48.784	1.00	0.00
H									
HETATM	4241	H7	PRP	242	15.989	46.868	48.925	1.00	0.00
H									
HETATM	4242	H8	PRP	242	15.468	47.212	47.324	1.00	0.00
H									
HETATM	4243	O1	PRP	243	18.389	42.274	40.126	1.00	0.00
O									
HETATM	4244	H1	PRP	243	19.113	42.538	39.553	1.00	0.00
H									
HETATM	4245	C1	PRP	243	17.221	41.975	39.360	1.00	0.00
C									
HETATM	4246	H2	PRP	243	17.409	41.601	38.353	1.00	0.00
H									
HETATM	4247	H3	PRP	243	16.712	41.220	39.959	1.00	0.00
H									
HETATM	4248	C2	PRP	243	16.315	43.229	39.282	1.00	0.00
C									
HETATM	4249	H4	PRP	243	17.062	44.002	39.104	1.00	0.00
H									
HETATM	4250	O2	PRP	243	15.649	43.411	40.473	1.00	0.00
O									
HETATM	4251	H5	PRP	243	16.305	43.219	41.147	1.00	0.00
H									
HETATM	4252	C3	PRP	243	15.310	43.294	38.133	1.00	0.00
C									
HETATM	4253	H6	PRP	243	15.916	43.475	37.246	1.00	0.00
H									
HETATM	4254	H7	PRP	243	14.648	42.437	38.010	1.00	0.00
H									
HETATM	4255	H8	PRP	243	14.685	44.181	38.246	1.00	0.00
H									

HETATM	4256	O1	PRP	244	8.558	26.411	34.160	1.00	0.00
O									
HETATM	4257	H1	PRP	244	9.205	25.775	33.848	1.00	0.00
H									
HETATM	4258	C1	PRP	244	7.525	25.670	34.630	1.00	0.00
C									
HETATM	4259	H2	PRP	244	7.395	24.772	34.026	1.00	0.00
H									
HETATM	4260	H3	PRP	244	7.662	25.264	35.632	1.00	0.00
H									
HETATM	4261	C2	PRP	244	6.189	26.443	34.614	1.00	0.00
C									
HETATM	4262	H4	PRP	244	5.994	27.052	33.731	1.00	0.00
H									
HETATM	4263	O2	PRP	244	6.153	27.246	35.859	1.00	0.00
O									
HETATM	4264	H5	PRP	244	6.360	28.165	35.674	1.00	0.00
H									
HETATM	4265	C3	PRP	244	5.045	25.395	34.790	1.00	0.00
C									
HETATM	4266	H6	PRP	244	4.157	26.024	34.729	1.00	0.00
H									
HETATM	4267	H7	PRP	244	5.057	24.579	34.067	1.00	0.00
H									
HETATM	4268	H8	PRP	244	4.983	24.904	35.761	1.00	0.00
H									
HETATM	4269	O1	PRP	245	24.192	23.232	39.482	1.00	0.00
O									
HETATM	4270	H1	PRP	245	23.797	23.749	40.189	1.00	0.00
H									
HETATM	4271	C1	PRP	245	24.146	23.983	38.297	1.00	0.00
C									
HETATM	4272	H2	PRP	245	24.852	24.803	38.434	1.00	0.00
H									
HETATM	4273	H3	PRP	245	24.569	23.481	37.426	1.00	0.00
H									
HETATM	4274	C2	PRP	245	22.728	24.536	38.033	1.00	0.00
C									
HETATM	4275	H4	PRP	245	22.440	25.208	38.842	1.00	0.00
H									
HETATM	4276	O2	PRP	245	21.808	23.454	37.853	1.00	0.00
O									
HETATM	4277	H5	PRP	245	22.011	22.793	38.519	1.00	0.00
H									
HETATM	4278	C3	PRP	245	22.785	25.331	36.766	1.00	0.00
C									
HETATM	4279	H6	PRP	245	23.071	24.617	35.993	1.00	0.00
H									
HETATM	4280	H7	PRP	245	21.819	25.769	36.514	1.00	0.00
H									
HETATM	4281	H8	PRP	245	23.504	26.144	36.861	1.00	0.00
H									
HETATM	4282	O1	PRP	246	29.718	33.448	37.168	1.00	0.00
O									
HETATM	4283	H1	PRP	246	30.565	33.557	36.730	1.00	0.00
H									

HETATM	4284	C1	PRP	246	29.876	34.029	38.469	1.00	0.00
C									
HETATM	4285	H2	PRP	246	30.348	33.343	39.171	1.00	0.00
H									
HETATM	4286	H3	PRP	246	30.560	34.868	38.337	1.00	0.00
H									
HETATM	4287	C2	PRP	246	28.620	34.433	39.087	1.00	0.00
C									
HETATM	4288	H4	PRP	246	27.973	33.571	38.922	1.00	0.00
H									
HETATM	4289	O2	PRP	246	27.991	35.483	38.326	1.00	0.00
O									
HETATM	4290	H5	PRP	246	28.139	35.301	37.395	1.00	0.00
H									
HETATM	4291	C3	PRP	246	28.719	34.857	40.604	1.00	0.00
C									
HETATM	4292	H6	PRP	246	28.815	33.951	41.204	1.00	0.00
H									
HETATM	4293	H7	PRP	246	29.578	35.527	40.649	1.00	0.00
H									
HETATM	4294	H8	PRP	246	27.803	35.371	40.895	1.00	0.00
H									
HETATM	4295	O1	PRP	247	5.327	26.790	49.559	1.00	0.00
O									
HETATM	4296	H1	PRP	247	5.089	26.249	48.802	1.00	0.00
H									
HETATM	4297	C1	PRP	247	4.621	28.015	49.458	1.00	0.00
C									
HETATM	4298	H2	PRP	247	4.897	28.529	48.537	1.00	0.00
H									
HETATM	4299	H3	PRP	247	3.542	27.986	49.611	1.00	0.00
H									
HETATM	4300	C2	PRP	247	5.190	28.928	50.499	1.00	0.00
C									
HETATM	4301	H4	PRP	247	6.276	28.988	50.424	1.00	0.00
H									
HETATM	4302	O2	PRP	247	4.861	28.489	51.854	1.00	0.00
O									
HETATM	4303	H5	PRP	247	5.179	27.584	51.848	1.00	0.00
H									
HETATM	4304	C3	PRP	247	4.552	30.390	50.434	1.00	0.00
C									
HETATM	4305	H6	PRP	247	4.439	30.693	49.393	1.00	0.00
H									
HETATM	4306	H7	PRP	247	3.639	30.516	51.015	1.00	0.00
H									
HETATM	4307	H8	PRP	247	5.326	31.004	50.895	1.00	0.00
H									
HETATM	4308	O1	PRP	248	18.821	39.735	42.476	1.00	0.00
O									
HETATM	4309	H1	PRP	248	18.193	39.632	43.195	1.00	0.00
H									
HETATM	4310	C1	PRP	248	19.314	38.475	42.054	1.00	0.00
C									
HETATM	4311	H2	PRP	248	20.136	38.139	42.687	1.00	0.00
H									

HETATM	4312	H3	PRP	248	18.589	37.672	41.920	1.00	0.00
H									
HETATM	4313	C2	PRP	248	20.115	38.520	40.721	1.00	0.00
C									
HETATM	4314	H4	PRP	248	20.927	39.242	40.807	1.00	0.00
H									
HETATM	4315	O2	PRP	248	19.256	39.001	39.687	1.00	0.00
O									
HETATM	4316	H5	PRP	248	19.082	39.943	39.625	1.00	0.00
H									
HETATM	4317	C3	PRP	248	20.632	37.146	40.340	1.00	0.00
C									
HETATM	4318	H6	PRP	248	20.975	37.179	39.306	1.00	0.00
H									
HETATM	4319	H7	PRP	248	21.411	36.745	40.989	1.00	0.00
H									
HETATM	4320	H8	PRP	248	19.840	36.403	40.430	1.00	0.00
H									
HETATM	4321	O1	PRP	249	17.520	37.731	32.579	1.00	0.00
O									
HETATM	4322	H1	PRP	249	17.128	36.979	32.129	1.00	0.00
H									
HETATM	4323	C1	PRP	249	16.765	38.101	33.709	1.00	0.00
C									
HETATM	4324	H2	PRP	249	15.739	38.191	33.351	1.00	0.00
H									
HETATM	4325	H3	PRP	249	16.757	37.333	34.482	1.00	0.00
H									
HETATM	4326	C2	PRP	249	17.280	39.433	34.332	1.00	0.00
C									
HETATM	4327	H4	PRP	249	17.383	40.066	33.450	1.00	0.00
H									
HETATM	4328	O2	PRP	249	18.551	39.383	34.928	1.00	0.00
O									
HETATM	4329	H5	PRP	249	19.276	39.511	34.313	1.00	0.00
H									
HETATM	4330	C3	PRP	249	16.348	40.060	35.326	1.00	0.00
C									
HETATM	4331	H6	PRP	249	16.516	41.128	35.463	1.00	0.00
H									
HETATM	4332	H7	PRP	249	15.322	40.130	34.964	1.00	0.00
H									
HETATM	4333	H8	PRP	249	16.272	39.356	36.155	1.00	0.00
H									
HETATM	4334	O1	PRP	250	26.553	43.143	50.833	1.00	0.00
O									
HETATM	4335	H1	PRP	250	26.684	43.549	51.694	1.00	0.00
H									
HETATM	4336	C1	PRP	250	25.923	44.044	49.952	1.00	0.00
C									
HETATM	4337	H2	PRP	250	26.688	44.684	49.513	1.00	0.00
H									
HETATM	4338	H3	PRP	250	25.376	43.472	49.202	1.00	0.00
H									
HETATM	4339	C2	PRP	250	25.210	45.085	50.838	1.00	0.00
C									

HETATM	4340	H4	PRP	250	25.795	45.326	51.726	1.00	0.00
H									
HETATM	4341	O2	PRP	250	23.964	44.604	51.144	1.00	0.00
O									
HETATM	4342	H5	PRP	250	24.099	43.724	51.503	1.00	0.00
H									
HETATM	4343	C3	PRP	250	24.916	46.395	50.049	1.00	0.00
C									
HETATM	4344	H6	PRP	250	24.327	47.031	50.710	1.00	0.00
H									
HETATM	4345	H7	PRP	250	25.912	46.779	49.832	1.00	0.00
H									
HETATM	4346	H8	PRP	250	24.418	46.213	49.096	1.00	0.00
H									
HETATM	4347	O1	PRP	251	7.486	38.673	70.995	1.00	0.00
O									
HETATM	4348	H1	PRP	251	6.771	38.094	70.720	1.00	0.00
H									
HETATM	4349	C1	PRP	251	7.248	39.979	70.647	1.00	0.00
C									
HETATM	4350	H2	PRP	251	7.007	40.074	69.588	1.00	0.00
H									
HETATM	4351	H3	PRP	251	6.471	40.443	71.255	1.00	0.00
H									
HETATM	4352	C2	PRP	251	8.601	40.737	70.797	1.00	0.00
C									
HETATM	4353	H4	PRP	251	9.450	40.129	70.483	1.00	0.00
H									
HETATM	4354	O2	PRP	251	8.840	40.898	72.144	1.00	0.00
O									
HETATM	4355	H5	PRP	251	9.028	39.995	72.408	1.00	0.00
H									
HETATM	4356	C3	PRP	251	8.471	42.014	69.953	1.00	0.00
C									
HETATM	4357	H6	PRP	251	9.224	42.723	70.299	1.00	0.00
H									
HETATM	4358	H7	PRP	251	8.737	41.682	68.950	1.00	0.00
H									
HETATM	4359	H8	PRP	251	7.518	42.525	70.087	1.00	0.00
H									
HETATM	4360	O1	PRP	252	-4.916	22.813	45.851	1.00	0.00
O									
HETATM	4361	H1	PRP	252	-5.492	22.927	46.610	1.00	0.00
H									
HETATM	4362	C1	PRP	252	-5.851	22.850	44.875	1.00	0.00
C									
HETATM	4363	H2	PRP	252	-6.554	22.024	44.980	1.00	0.00
H									
HETATM	4364	H3	PRP	252	-6.414	23.779	44.971	1.00	0.00
H									
HETATM	4365	C2	PRP	252	-5.344	22.637	43.437	1.00	0.00
C									
HETATM	4366	H4	PRP	252	-4.706	21.753	43.449	1.00	0.00
H									
HETATM	4367	O2	PRP	252	-4.645	23.755	42.959	1.00	0.00
O									

HETATM	4368	H5	PRP	252	-3.931	23.827	43.596	1.00	0.00
H									
HETATM	4369	C3	PRP	252	-6.423	22.430	42.503	1.00	0.00
C									
HETATM	4370	H6	PRP	252	-6.033	22.032	41.566	1.00	0.00
H									
HETATM	4371	H7	PRP	252	-7.210	21.747	42.824	1.00	0.00
H									
HETATM	4372	H8	PRP	252	-6.824	23.420	42.284	1.00	0.00
H									
HETATM	4373	O1	PRP	253	-4.406	37.142	45.045	1.00	0.00
O									
HETATM	4374	H1	PRP	253	-3.617	36.596	45.068	1.00	0.00
H									
HETATM	4375	C1	PRP	253	-5.211	36.751	46.130	1.00	0.00
C									
HETATM	4376	H2	PRP	253	-4.739	36.791	47.112	1.00	0.00
H									
HETATM	4377	H3	PRP	253	-6.102	37.378	46.101	1.00	0.00
H									
HETATM	4378	C2	PRP	253	-5.587	35.268	45.792	1.00	0.00
C									
HETATM	4379	H4	PRP	253	-4.695	34.649	45.703	1.00	0.00
H									
HETATM	4380	O2	PRP	253	-6.191	35.381	44.477	1.00	0.00
O									
HETATM	4381	H5	PRP	253	-5.751	36.087	43.997	1.00	0.00
H									
HETATM	4382	C3	PRP	253	-6.693	34.735	46.698	1.00	0.00
C									
HETATM	4383	H6	PRP	253	-7.564	35.380	46.588	1.00	0.00
H									
HETATM	4384	H7	PRP	253	-6.881	33.682	46.488	1.00	0.00
H									
HETATM	4385	H8	PRP	253	-6.439	34.730	47.758	1.00	0.00
H									
HETATM	4386	O1	PRP	254	11.138	50.986	43.429	1.00	0.00
O									
HETATM	4387	H1	PRP	254	11.097	51.022	42.470	1.00	0.00
H									
HETATM	4388	C1	PRP	254	10.004	51.626	44.048	1.00	0.00
C									
HETATM	4389	H2	PRP	254	10.263	51.861	45.080	1.00	0.00
H									
HETATM	4390	H3	PRP	254	9.757	52.548	43.523	1.00	0.00
H									
HETATM	4391	C2	PRP	254	8.759	50.800	44.156	1.00	0.00
C									
HETATM	4392	H4	PRP	254	7.933	51.374	44.575	1.00	0.00
H									
HETATM	4393	O2	PRP	254	8.952	49.703	44.926	1.00	0.00
O									
HETATM	4394	H5	PRP	254	9.825	49.387	44.682	1.00	0.00
H									
HETATM	4395	C3	PRP	254	8.234	50.458	42.748	1.00	0.00
C									

HETATM	4396	H6	PRP	254	8.156	51.375	42.164	1.00	0.00
H									
HETATM	4397	H7	PRP	254	8.995	49.803	42.323	1.00	0.00
H									
HETATM	4398	H8	PRP	254	7.250	49.990	42.753	1.00	0.00
H									
HETATM	4399	O1	PRP	255	23.143	57.358	42.663	1.00	0.00
O									
HETATM	4400	H1	PRP	255	22.659	56.573	42.928	1.00	0.00
H									
HETATM	4401	C1	PRP	255	23.454	57.099	41.298	1.00	0.00
C									
HETATM	4402	H2	PRP	255	22.802	57.724	40.687	1.00	0.00
H									
HETATM	4403	H3	PRP	255	24.487	57.392	41.107	1.00	0.00
H									
HETATM	4404	C2	PRP	255	23.147	55.647	40.904	1.00	0.00
C									
HETATM	4405	H4	PRP	255	23.155	55.577	39.817	1.00	0.00
H									
HETATM	4406	O2	PRP	255	21.863	55.314	41.240	1.00	0.00
O									
HETATM	4407	H5	PRP	255	21.928	54.697	41.972	1.00	0.00
H									
HETATM	4408	C3	PRP	255	24.119	54.677	41.466	1.00	0.00
C									
HETATM	4409	H6	PRP	255	25.135	54.757	41.078	1.00	0.00
H									
HETATM	4410	H7	PRP	255	23.970	54.572	42.540	1.00	0.00
H									
HETATM	4411	H8	PRP	255	23.768	53.696	41.144	1.00	0.00
H									
HETATM	4412	O1	PRP	256	22.407	39.400	45.555	1.00	0.00
O									
HETATM	4413	H1	PRP	256	22.834	39.524	46.405	1.00	0.00
H									
HETATM	4414	C1	PRP	256	22.951	40.453	44.695	1.00	0.00
C									
HETATM	4415	H2	PRP	256	22.810	41.402	45.212	1.00	0.00
H									
HETATM	4416	H3	PRP	256	24.024	40.264	44.717	1.00	0.00
H									
HETATM	4417	C2	PRP	256	22.594	40.467	43.200	1.00	0.00
C									
HETATM	4418	H4	PRP	256	21.520	40.511	43.021	1.00	0.00
H									
HETATM	4419	O2	PRP	256	23.161	39.341	42.595	1.00	0.00
O									
HETATM	4420	H5	PRP	256	22.843	38.564	43.061	1.00	0.00
H									
HETATM	4421	C3	PRP	256	23.239	41.665	42.524	1.00	0.00
C									
HETATM	4422	H6	PRP	256	24.323	41.718	42.624	1.00	0.00
H									
HETATM	4423	H7	PRP	256	22.858	41.689	41.503	1.00	0.00
H									

HETATM	4424	H8	PRP	256	22.814	42.558	42.983	1.00	0.00
H									
HETATM	4425	O1	PRP	257	-0.499	25.082	51.012	1.00	0.00
O									
HETATM	4426	H1	PRP	257	-0.824	25.564	50.248	1.00	0.00
H									
HETATM	4427	C1	PRP	257	-1.235	23.805	51.077	1.00	0.00
C									
HETATM	4428	H2	PRP	257	-2.273	23.971	51.367	1.00	0.00
H									
HETATM	4429	H3	PRP	257	-1.068	23.345	50.104	1.00	0.00
H									
HETATM	4430	C2	PRP	257	-0.608	23.033	52.294	1.00	0.00
C									
HETATM	4431	H4	PRP	257	-0.863	23.550	53.219	1.00	0.00
H									
HETATM	4432	O2	PRP	257	0.756	22.981	52.256	1.00	0.00
O									
HETATM	4433	H5	PRP	257	1.053	23.888	52.152	1.00	0.00
H									
HETATM	4434	C3	PRP	257	-1.190	21.661	52.219	1.00	0.00
C									
HETATM	4435	H6	PRP	257	-2.279	21.670	52.257	1.00	0.00
H									
HETATM	4436	H7	PRP	257	-0.891	21.180	51.287	1.00	0.00
H									
HETATM	4437	H8	PRP	257	-0.960	21.080	53.112	1.00	0.00
H									
HETATM	4438	O1	PRP	258	1.162	26.330	38.094	1.00	0.00
O									
HETATM	4439	H1	PRP	258	0.543	26.567	37.399	1.00	0.00
H									
HETATM	4440	C1	PRP	258	2.396	26.659	37.618	1.00	0.00
C									
HETATM	4441	H2	PRP	258	3.039	25.798	37.802	1.00	0.00
H									
HETATM	4442	H3	PRP	258	2.439	26.746	36.533	1.00	0.00
H									
HETATM	4443	C2	PRP	258	2.878	27.926	38.355	1.00	0.00
C									
HETATM	4444	H4	PRP	258	3.866	28.225	38.003	1.00	0.00
H									
HETATM	4445	O2	PRP	258	3.042	27.632	39.720	1.00	0.00
O									
HETATM	4446	H5	PRP	258	2.237	27.186	39.992	1.00	0.00
H									
HETATM	4447	C3	PRP	258	1.899	29.092	38.253	1.00	0.00
C									
HETATM	4448	H6	PRP	258	1.836	29.285	37.182	1.00	0.00
H									
HETATM	4449	H7	PRP	258	0.884	28.851	38.570	1.00	0.00
H									
HETATM	4450	H8	PRP	258	2.292	29.987	38.736	1.00	0.00
H									
HETATM	4451	O1	PRP	259	-3.148	32.018	46.483	1.00	0.00
O									

HETATM	4452	H1	PRP	259	-2.273	31.940	46.872	1.00	0.00
H									
HETATM	4453	C1	PRP	259	-3.926	32.750	47.492	1.00	0.00
C									
HETATM	4454	H2	PRP	259	-3.600	33.787	47.572	1.00	0.00
H									
HETATM	4455	H3	PRP	259	-4.975	32.727	47.197	1.00	0.00
H									
HETATM	4456	C2	PRP	259	-3.702	32.134	48.912	1.00	0.00
C									
HETATM	4457	H4	PRP	259	-2.736	32.438	49.314	1.00	0.00
H									
HETATM	4458	O2	PRP	259	-3.928	30.782	48.924	1.00	0.00
O									
HETATM	4459	H5	PRP	259	-4.725	30.594	48.422	1.00	0.00
H									
HETATM	4460	C3	PRP	259	-4.707	32.701	49.871	1.00	0.00
C									
HETATM	4461	H6	PRP	259	-4.615	33.786	49.826	1.00	0.00
H									
HETATM	4462	H7	PRP	259	-5.685	32.429	49.474	1.00	0.00
H									
HETATM	4463	H8	PRP	259	-4.596	32.397	50.913	1.00	0.00
H									
HETATM	4464	O1	PRP	260	13.358	34.836	40.820	1.00	0.00
O									
HETATM	4465	H1	PRP	260	14.163	35.260	40.514	1.00	0.00
H									
HETATM	4466	C1	PRP	260	13.423	34.743	42.253	1.00	0.00
C									
HETATM	4467	H2	PRP	260	13.302	35.673	42.807	1.00	0.00
H									
HETATM	4468	H3	PRP	260	12.574	34.095	42.469	1.00	0.00
H									
HETATM	4469	C2	PRP	260	14.622	33.955	42.804	1.00	0.00
C									
HETATM	4470	H4	PRP	260	14.362	33.504	43.762	1.00	0.00
H									
HETATM	4471	O2	PRP	260	15.758	34.772	42.902	1.00	0.00
O									
HETATM	4472	H5	PRP	260	15.867	35.224	42.062	1.00	0.00
H									
HETATM	4473	C3	PRP	260	14.926	32.693	41.948	1.00	0.00
C									
HETATM	4474	H6	PRP	260	13.948	32.254	41.749	1.00	0.00
H									
HETATM	4475	H7	PRP	260	15.383	33.070	41.033	1.00	0.00
H									
HETATM	4476	H8	PRP	260	15.625	32.037	42.466	1.00	0.00
H									
HETATM	4477	O1	PRP	261	9.823	52.233	47.365	1.00	0.00
O									
HETATM	4478	H1	PRP	261	9.507	51.400	47.008	1.00	0.00
H									
HETATM	4479	C1	PRP	261	8.830	52.697	48.255	1.00	0.00
C									

HETATM	4480	H2	PRP	261	8.797	52.067	49.144	1.00	0.00
H									
HETATM	4481	H3	PRP	261	9.070	53.646	48.735	1.00	0.00
H									
HETATM	4482	C2	PRP	261	7.394	52.791	47.683	1.00	0.00
C									
HETATM	4483	H4	PRP	261	6.626	53.250	48.305	1.00	0.00
H									
HETATM	4484	O2	PRP	261	7.002	51.498	47.216	1.00	0.00
O									
HETATM	4485	H5	PRP	261	6.541	51.558	46.376	1.00	0.00
H									
HETATM	4486	C3	PRP	261	7.463	53.707	46.439	1.00	0.00
C									
HETATM	4487	H6	PRP	261	7.533	54.742	46.773	1.00	0.00
H									
HETATM	4488	H7	PRP	261	8.351	53.481	45.848	1.00	0.00
H									
HETATM	4489	H8	PRP	261	6.538	53.679	45.865	1.00	0.00
H									
HETATM	4490	O1	PRP	262	19.912	47.545	34.868	1.00	0.00
O									
HETATM	4491	H1	PRP	262	19.030	47.919	34.939	1.00	0.00
H									
HETATM	4492	C1	PRP	262	20.555	48.550	34.177	1.00	0.00
C									
HETATM	4493	H2	PRP	262	21.539	48.708	34.619	1.00	0.00
H									
HETATM	4494	H3	PRP	262	20.595	48.268	33.124	1.00	0.00
H									
HETATM	4495	C2	PRP	262	19.839	49.877	34.336	1.00	0.00
C									
HETATM	4496	H4	PRP	262	19.734	49.972	35.417	1.00	0.00
H									
HETATM	4497	O2	PRP	262	18.589	49.771	33.725	1.00	0.00
O									
HETATM	4498	H5	PRP	262	18.651	49.548	32.793	1.00	0.00
H									
HETATM	4499	C3	PRP	262	20.581	51.176	33.934	1.00	0.00
C									
HETATM	4500	H6	PRP	262	21.234	51.483	34.751	1.00	0.00
H									
HETATM	4501	H7	PRP	262	21.216	50.958	33.075	1.00	0.00
H									
HETATM	4502	H8	PRP	262	19.819	51.919	33.698	1.00	0.00
H									
HETATM	4503	O1	PRP	263	-4.443	42.955	47.248	1.00	0.00
O									
HETATM	4504	H1	PRP	263	-3.682	42.384	47.378	1.00	0.00
H									
HETATM	4505	C1	PRP	263	-5.659	42.229	47.587	1.00	0.00
C									
HETATM	4506	H2	PRP	263	-5.865	42.232	48.657	1.00	0.00
H									
HETATM	4507	H3	PRP	263	-6.499	42.830	47.239	1.00	0.00
H									

HETATM	4508	C2	PRP	263	-5.873	40.739	47.103	1.00	0.00
C									
HETATM	4509	H4	PRP	263	-6.935	40.524	47.223	1.00	0.00
H									
HETATM	4510	O2	PRP	263	-5.008	39.903	47.839	1.00	0.00
O									
HETATM	4511	H5	PRP	263	-4.924	39.089	47.337	1.00	0.00
H									
HETATM	4512	C3	PRP	263	-5.390	40.673	45.669	1.00	0.00
C									
HETATM	4513	H6	PRP	263	-4.307	40.589	45.578	1.00	0.00
H									
HETATM	4514	H7	PRP	263	-5.821	39.746	45.290	1.00	0.00
H									
HETATM	4515	H8	PRP	263	-5.936	41.468	45.161	1.00	0.00
H									
HETATM	4516	O1	PRP	264	7.735	30.921	32.994	1.00	0.00
O									
HETATM	4517	H1	PRP	264	8.572	30.482	32.825	1.00	0.00
H									
HETATM	4518	C1	PRP	264	7.829	32.211	32.681	1.00	0.00
C									
HETATM	4519	H2	PRP	264	7.638	32.469	31.640	1.00	0.00
H									
HETATM	4520	H3	PRP	264	7.126	32.846	33.221	1.00	0.00
H									
HETATM	4521	C2	PRP	264	9.180	32.810	32.975	1.00	0.00
C									
HETATM	4522	H4	PRP	264	9.180	33.836	32.607	1.00	0.00
H									
HETATM	4523	O2	PRP	264	10.176	32.095	32.260	1.00	0.00
O									
HETATM	4524	H5	PRP	264	11.024	32.512	32.430	1.00	0.00
H									
HETATM	4525	C3	PRP	264	9.463	32.820	34.456	1.00	0.00
C									
HETATM	4526	H6	PRP	264	9.860	31.834	34.697	1.00	0.00
H									
HETATM	4527	H7	PRP	264	10.140	33.628	34.736	1.00	0.00
H									
HETATM	4528	H8	PRP	264	8.646	33.025	35.148	1.00	0.00
H									
HETATM	4529	O1	PRP	265	-1.048	31.805	60.925	1.00	0.00
O									
HETATM	4530	H1	PRP	265	-1.393	31.911	61.814	1.00	0.00
H									
HETATM	4531	C1	PRP	265	0.335	32.178	60.832	1.00	0.00
C									
HETATM	4532	H2	PRP	265	0.535	33.064	61.435	1.00	0.00
H									
HETATM	4533	H3	PRP	265	0.908	31.386	61.314	1.00	0.00
H									
HETATM	4534	C2	PRP	265	0.760	32.247	59.339	1.00	0.00
C									
HETATM	4535	H4	PRP	265	0.262	33.073	58.831	1.00	0.00
H									

HETATM	4536	O2	PRP	265	0.513	31.009	58.678	1.00	0.00
O									
HETATM	4537	H5	PRP	265	-0.357	30.660	58.883	1.00	0.00
H									
HETATM	4538	C3	PRP	265	2.230	32.623	59.382	1.00	0.00
C									
HETATM	4539	H6	PRP	265	2.859	31.792	59.700	1.00	0.00
H									
HETATM	4540	H7	PRP	265	2.428	32.997	58.378	1.00	0.00
H									
HETATM	4541	H8	PRP	265	2.343	33.365	60.173	1.00	0.00
H									
HETATM	4542	O1	PRP	266	2.776	40.786	48.474	1.00	0.00
O									
HETATM	4543	H1	PRP	266	3.590	40.331	48.702	1.00	0.00
H									
HETATM	4544	C1	PRP	266	3.053	42.123	48.843	1.00	0.00
C									
HETATM	4545	H2	PRP	266	2.459	42.669	48.111	1.00	0.00
H									
HETATM	4546	H3	PRP	266	2.583	42.287	49.813	1.00	0.00
H									
HETATM	4547	C2	PRP	266	4.497	42.556	48.744	1.00	0.00
C									
HETATM	4548	H4	PRP	266	4.992	41.993	47.953	1.00	0.00
H									
HETATM	4549	O2	PRP	266	5.090	42.201	49.984	1.00	0.00
O									
HETATM	4550	H5	PRP	266	5.266	41.258	49.979	1.00	0.00
H									
HETATM	4551	C3	PRP	266	4.728	44.016	48.466	1.00	0.00
C									
HETATM	4552	H6	PRP	266	4.371	44.217	47.456	1.00	0.00
H									
HETATM	4553	H7	PRP	266	4.203	44.499	49.289	1.00	0.00
H									
HETATM	4554	H8	PRP	266	5.753	44.333	48.658	1.00	0.00
H									
HETATM	4555	O1	PRP	267	1.441	36.680	49.644	1.00	0.00
O									
HETATM	4556	H1	PRP	267	1.267	37.133	50.472	1.00	0.00
H									
HETATM	4557	C1	PRP	267	0.218	36.684	48.889	1.00	0.00
C									
HETATM	4558	H2	PRP	267	-0.076	37.714	48.685	1.00	0.00
H									
HETATM	4559	H3	PRP	267	0.341	36.324	47.867	1.00	0.00
H									
HETATM	4560	C2	PRP	267	-0.947	35.801	49.473	1.00	0.00
C									
HETATM	4561	H4	PRP	267	-1.114	36.107	50.506	1.00	0.00
H									
HETATM	4562	O2	PRP	267	-0.816	34.417	49.278	1.00	0.00
O									
HETATM	4563	H5	PRP	267	0.028	34.090	49.600	1.00	0.00
H									

HETATM	4564	C3	PRP	267	-2.198	36.102	48.613	1.00	0.00
C									
HETATM	4565	H6	PRP	267	-2.293	37.170	48.417	1.00	0.00
H									
HETATM	4566	H7	PRP	267	-1.988	35.648	47.644	1.00	0.00
H									
HETATM	4567	H8	PRP	267	-3.142	35.735	49.015	1.00	0.00
H									
HETATM	4568	O1	PRP	268	17.552	45.940	35.677	1.00	0.00
O									
HETATM	4569	H1	PRP	268	17.471	46.055	36.626	1.00	0.00
H									
HETATM	4570	C1	PRP	268	17.410	44.559	35.259	1.00	0.00
C									
HETATM	4571	H2	PRP	268	17.885	43.905	35.990	1.00	0.00
H									
HETATM	4572	H3	PRP	268	16.335	44.390	35.195	1.00	0.00
H									
HETATM	4573	C2	PRP	268	18.096	44.316	33.959	1.00	0.00
C									
HETATM	4574	H4	PRP	268	19.134	44.649	33.947	1.00	0.00
H									
HETATM	4575	O2	PRP	268	17.444	45.112	33.026	1.00	0.00
O									
HETATM	4576	H5	PRP	268	17.440	46.007	33.372	1.00	0.00
H									
HETATM	4577	C3	PRP	268	17.922	42.824	33.607	1.00	0.00
C									
HETATM	4578	H6	PRP	268	18.439	42.663	32.661	1.00	0.00
H									
HETATM	4579	H7	PRP	268	18.310	42.248	34.447	1.00	0.00
H									
HETATM	4580	H8	PRP	268	16.851	42.651	33.501	1.00	0.00
H									
HETATM	4581	O1	PRP	269	27.133	44.232	43.231	1.00	0.00
O									
HETATM	4582	H1	PRP	269	26.946	43.361	43.590	1.00	0.00
H									
HETATM	4583	C1	PRP	269	26.186	45.034	43.802	1.00	0.00
C									
HETATM	4584	H2	PRP	269	26.674	45.990	43.991	1.00	0.00
H									
HETATM	4585	H3	PRP	269	25.458	45.339	43.050	1.00	0.00
H									
HETATM	4586	C2	PRP	269	25.546	44.345	45.053	1.00	0.00
C									
HETATM	4587	H4	PRP	269	26.262	43.826	45.691	1.00	0.00
H									
HETATM	4588	O2	PRP	269	24.453	43.616	44.727	1.00	0.00
O									
HETATM	4589	H5	PRP	269	23.801	44.224	44.372	1.00	0.00
H									
HETATM	4590	C3	PRP	269	25.070	45.370	46.050	1.00	0.00
C									
HETATM	4591	H6	PRP	269	24.214	45.108	46.672	1.00	0.00
H									

HETATM	4592	H7	PRP	269	25.922	45.749	46.614	1.00	0.00
H									
HETATM	4593	H8	PRP	269	24.741	46.192	45.414	1.00	0.00
H									
HETATM	4594	O1	PRP	270	9.310	19.682	39.338	1.00	0.00
O									
HETATM	4595	H1	PRP	270	8.588	19.058	39.437	1.00	0.00
H									
HETATM	4596	C1	PRP	270	9.105	20.352	38.093	1.00	0.00
C									
HETATM	4597	H2	PRP	270	9.827	19.987	37.363	1.00	0.00
H									
HETATM	4598	H3	PRP	270	8.133	20.337	37.600	1.00	0.00
H									
HETATM	4599	C2	PRP	270	9.455	21.773	38.461	1.00	0.00
C									
HETATM	4600	H4	PRP	270	10.373	21.772	39.047	1.00	0.00
H									
HETATM	4601	O2	PRP	270	8.389	22.275	39.234	1.00	0.00
O									
HETATM	4602	H5	PRP	270	8.170	21.649	39.928	1.00	0.00
H									
HETATM	4603	C3	PRP	270	9.493	22.780	37.280	1.00	0.00
C									
HETATM	4604	H6	PRP	270	8.523	22.918	36.803	1.00	0.00
H									
HETATM	4605	H7	PRP	270	9.680	23.795	37.632	1.00	0.00
H									
HETATM	4606	H8	PRP	270	10.320	22.432	36.662	1.00	0.00
H									
HETATM	4607	O1	PRP	271	28.250	23.078	41.898	1.00	0.00
O									
HETATM	4608	H1	PRP	271	28.806	22.303	42.010	1.00	0.00
H									
HETATM	4609	C1	PRP	271	28.541	23.731	40.660	1.00	0.00
C									
HETATM	4610	H2	PRP	271	29.061	24.673	40.832	1.00	0.00
H									
HETATM	4611	H3	PRP	271	29.246	23.018	40.233	1.00	0.00
H									
HETATM	4612	C2	PRP	271	27.401	23.911	39.697	1.00	0.00
C									
HETATM	4613	H4	PRP	271	26.508	24.245	40.224	1.00	0.00
H									
HETATM	4614	O2	PRP	271	27.233	22.764	38.917	1.00	0.00
O									
HETATM	4615	H5	PRP	271	26.818	22.074	39.440	1.00	0.00
H									
HETATM	4616	C3	PRP	271	27.883	25.019	38.722	1.00	0.00
C									
HETATM	4617	H6	PRP	271	27.128	25.273	37.978	1.00	0.00
H									
HETATM	4618	H7	PRP	271	28.126	25.906	39.307	1.00	0.00
H									
HETATM	4619	H8	PRP	271	28.818	24.758	38.226	1.00	0.00
H									

HETATM	4620	O1	PRP	272	8.713	32.715	22.416	1.00	0.00
O									
HETATM	4621	H1	PRP	272	8.688	32.937	21.482	1.00	0.00
H									
HETATM	4622	C1	PRP	272	9.565	31.557	22.583	1.00	0.00
C									
HETATM	4623	H2	PRP	272	9.015	30.644	22.353	1.00	0.00
H									
HETATM	4624	H3	PRP	272	10.370	31.572	21.848	1.00	0.00
H									
HETATM	4625	C2	PRP	272	10.312	31.616	23.925	1.00	0.00
C									
HETATM	4626	H4	PRP	272	10.926	30.716	23.924	1.00	0.00
H									
HETATM	4627	O2	PRP	272	9.227	31.566	24.903	1.00	0.00
O									
HETATM	4628	H5	PRP	272	8.584	32.243	24.679	1.00	0.00
H									
HETATM	4629	C3	PRP	272	11.227	32.820	24.203	1.00	0.00
C									
HETATM	4630	H6	PRP	272	10.609	33.689	23.978	1.00	0.00
H									
HETATM	4631	H7	PRP	272	11.608	32.956	25.215	1.00	0.00
H									
HETATM	4632	H8	PRP	272	11.961	32.707	23.405	1.00	0.00
H									
HETATM	4633	O1	PRP	273	12.915	20.326	30.434	1.00	0.00
O									
HETATM	4634	H1	PRP	273	12.019	20.153	30.731	1.00	0.00
H									
HETATM	4635	C1	PRP	273	12.955	20.101	29.084	1.00	0.00
C									
HETATM	4636	H2	PRP	273	13.961	20.004	28.675	1.00	0.00
H									
HETATM	4637	H3	PRP	273	12.418	19.233	28.704	1.00	0.00
H									
HETATM	4638	C2	PRP	273	12.274	21.304	28.410	1.00	0.00
C									
HETATM	4639	H4	PRP	273	12.791	22.248	28.581	1.00	0.00
H									
HETATM	4640	O2	PRP	273	10.960	21.503	28.918	1.00	0.00
O									
HETATM	4641	H5	PRP	273	10.469	20.709	28.695	1.00	0.00
H									
HETATM	4642	C3	PRP	273	11.953	21.086	26.900	1.00	0.00
C									
HETATM	4643	H6	PRP	273	11.560	22.060	26.609	1.00	0.00
H									
HETATM	4644	H7	PRP	273	12.797	20.805	26.270	1.00	0.00
H									
HETATM	4645	H8	PRP	273	11.249	20.266	26.761	1.00	0.00
H									
HETATM	4646	O1	PRP	274	14.027	31.294	38.451	1.00	0.00
O									
HETATM	4647	H1	PRP	274	14.021	31.011	39.368	1.00	0.00
H									

HETATM	4648	C1	PRP	274	13.687	32.649	38.162	1.00	0.00
C									
HETATM	4649	H2	PRP	274	12.710	32.885	38.584	1.00	0.00
H									
HETATM	4650	H3	PRP	274	14.416	33.335	38.595	1.00	0.00
H									
HETATM	4651	C2	PRP	274	13.524	32.779	36.669	1.00	0.00
C									
HETATM	4652	H4	PRP	274	12.848	31.998	36.320	1.00	0.00
H									
HETATM	4653	O2	PRP	274	14.815	32.737	36.053	1.00	0.00
O									
HETATM	4654	H5	PRP	274	15.350	32.146	36.589	1.00	0.00
H									
HETATM	4655	C3	PRP	274	12.831	34.096	36.263	1.00	0.00
C									
HETATM	4656	H6	PRP	274	13.307	34.983	36.682	1.00	0.00
H									
HETATM	4657	H7	PRP	274	12.807	34.286	35.190	1.00	0.00
H									
HETATM	4658	H8	PRP	274	11.767	34.086	36.501	1.00	0.00
H									
HETATM	4659	O1	PRP	275	6.845	29.972	41.463	1.00	0.00
O									
HETATM	4660	H1	PRP	275	6.781	29.634	42.360	1.00	0.00
H									
HETATM	4661	C1	PRP	275	5.655	29.597	40.738	1.00	0.00
C									
HETATM	4662	H2	PRP	275	5.994	29.163	39.798	1.00	0.00
H									
HETATM	4663	H3	PRP	275	5.088	28.872	41.323	1.00	0.00
H									
HETATM	4664	C2	PRP	275	4.778	30.841	40.527	1.00	0.00
C									
HETATM	4665	H4	PRP	275	3.847	30.401	40.169	1.00	0.00
H									
HETATM	4666	O2	PRP	275	5.372	31.775	39.618	1.00	0.00
O									
HETATM	4667	H5	PRP	275	5.894	31.311	38.959	1.00	0.00
H									
HETATM	4668	C3	PRP	275	4.478	31.608	41.799	1.00	0.00
C									
HETATM	4669	H6	PRP	275	3.869	32.448	41.465	1.00	0.00
H									
HETATM	4670	H7	PRP	275	3.924	30.952	42.471	1.00	0.00
H									
HETATM	4671	H8	PRP	275	5.383	31.833	42.363	1.00	0.00
H									
HETATM	4672	O1	PRP	276	33.943	50.151	38.736	1.00	0.00
O									
HETATM	4673	H1	PRP	276	33.959	50.000	39.684	1.00	0.00
H									
HETATM	4674	C1	PRP	276	33.070	49.145	38.139	1.00	0.00
C									
HETATM	4675	H2	PRP	276	33.171	49.188	37.054	1.00	0.00
H									

HETATM	4676	H3	PRP	276	33.340	48.136	38.451	1.00	0.00
H									
HETATM	4677	C2	PRP	276	31.642	49.319	38.559	1.00	0.00
C									
HETATM	4678	H4	PRP	276	31.362	50.305	38.189	1.00	0.00
H									
HETATM	4679	O2	PRP	276	31.361	49.190	39.948	1.00	0.00
O									
HETATM	4680	H5	PRP	276	30.501	49.613	39.998	1.00	0.00
H									
HETATM	4681	C3	PRP	276	30.764	48.287	37.945	1.00	0.00
C									
HETATM	4682	H6	PRP	276	31.200	47.296	38.068	1.00	0.00
H									
HETATM	4683	H7	PRP	276	29.841	48.242	38.524	1.00	0.00
H									
HETATM	4684	H8	PRP	276	30.534	48.536	36.909	1.00	0.00
H									
HETATM	4685	O1	PRP	277	-3.126	34.094	37.201	1.00	0.00
O									
HETATM	4686	H1	PRP	277	-2.579	33.643	36.555	1.00	0.00
H									
HETATM	4687	C1	PRP	277	-2.667	33.744	38.482	1.00	0.00
C									
HETATM	4688	H2	PRP	277	-2.230	32.746	38.435	1.00	0.00
H									
HETATM	4689	H3	PRP	277	-1.867	34.383	38.857	1.00	0.00
H									
HETATM	4690	C2	PRP	277	-3.875	33.793	39.582	1.00	0.00
C									
HETATM	4691	H4	PRP	277	-3.596	33.351	40.539	1.00	0.00
H									
HETATM	4692	O2	PRP	277	-5.023	33.253	38.921	1.00	0.00
O									
HETATM	4693	H5	PRP	277	-4.679	33.027	38.054	1.00	0.00
H									
HETATM	4694	C3	PRP	277	-4.281	35.190	39.861	1.00	0.00
C									
HETATM	4695	H6	PRP	277	-5.029	35.553	39.157	1.00	0.00
H									
HETATM	4696	H7	PRP	277	-4.755	35.335	40.832	1.00	0.00
H									
HETATM	4697	H8	PRP	277	-3.416	35.852	39.841	1.00	0.00
H									
HETATM	4698	O1	PRP	278	2.676	42.446	54.917	1.00	0.00
O									
HETATM	4699	H1	PRP	278	2.040	41.802	54.597	1.00	0.00
H									
HETATM	4700	C1	PRP	278	2.914	42.111	56.334	1.00	0.00
C									
HETATM	4701	H2	PRP	278	3.832	42.603	56.657	1.00	0.00
H									
HETATM	4702	H3	PRP	278	2.186	42.520	57.034	1.00	0.00
H									
HETATM	4703	C2	PRP	278	2.865	40.578	56.582	1.00	0.00
C									

HETATM	4704	H4	PRP	278	3.660	40.219	55.929	1.00	0.00
H									
HETATM	4705	O2	PRP	278	1.633	39.888	56.406	1.00	0.00
O									
HETATM	4706	H5	PRP	278	1.353	39.936	55.489	1.00	0.00
H									
HETATM	4707	C3	PRP	278	3.469	40.265	58.006	1.00	0.00
C									
HETATM	4708	H6	PRP	278	4.436	40.757	58.111	1.00	0.00
H									
HETATM	4709	H7	PRP	278	2.872	40.782	58.757	1.00	0.00
H									
HETATM	4710	H8	PRP	278	3.633	39.205	58.200	1.00	0.00
H									
HETATM	4711	O1	PRP	279	-1.050	27.660	49.092	1.00	0.00
O									
HETATM	4712	H1	PRP	279	-1.631	27.843	48.350	1.00	0.00
H									
HETATM	4713	C1	PRP	279	-0.902	28.821	49.922	1.00	0.00
C									
HETATM	4714	H2	PRP	279	-1.874	29.052	50.359	1.00	0.00
H									
HETATM	4715	H3	PRP	279	-0.191	28.567	50.708	1.00	0.00
H									
HETATM	4716	C2	PRP	279	-0.294	29.989	49.210	1.00	0.00
C									
HETATM	4717	H4	PRP	279	0.081	30.761	49.883	1.00	0.00
H									
HETATM	4718	O2	PRP	279	-1.227	30.472	48.353	1.00	0.00
O									
HETATM	4719	H5	PRP	279	-2.086	30.519	48.779	1.00	0.00
H									
HETATM	4720	C3	PRP	279	0.873	29.483	48.241	1.00	0.00
C									
HETATM	4721	H6	PRP	279	1.645	28.865	48.701	1.00	0.00
H									
HETATM	4722	H7	PRP	279	0.449	29.087	47.318	1.00	0.00
H									
HETATM	4723	H8	PRP	279	1.496	30.322	47.932	1.00	0.00
H									
HETATM	4724	O1	PRP	280	5.780	40.398	37.395	1.00	0.00
O									
HETATM	4725	H1	PRP	280	6.269	39.689	36.969	1.00	0.00
H									
HETATM	4726	C1	PRP	280	4.652	39.972	38.118	1.00	0.00
C									
HETATM	4727	H2	PRP	280	4.855	39.031	38.629	1.00	0.00
H									
HETATM	4728	H3	PRP	280	4.307	40.733	38.819	1.00	0.00
H									
HETATM	4729	C2	PRP	280	3.463	39.935	37.242	1.00	0.00
C									
HETATM	4730	H4	PRP	280	2.650	39.468	37.798	1.00	0.00
H									
HETATM	4731	O2	PRP	280	3.677	39.119	36.130	1.00	0.00
O									

HETATM	4732	H5	PRP	280	4.209	38.397	36.471	1.00	0.00
H									
HETATM	4733	C3	PRP	280	2.816	41.353	36.847	1.00	0.00
C									
HETATM	4734	H6	PRP	280	2.827	42.047	37.688	1.00	0.00
H									
HETATM	4735	H7	PRP	280	3.371	41.897	36.084	1.00	0.00
H									
HETATM	4736	H8	PRP	280	1.796	41.146	36.522	1.00	0.00
H									
HETATM	4737	O1	PRP	281	9.824	46.304	42.626	1.00	0.00
O									
HETATM	4738	H1	PRP	281	10.328	46.849	42.017	1.00	0.00
H									
HETATM	4739	C1	PRP	281	8.454	46.505	42.394	1.00	0.00
C									
HETATM	4740	H2	PRP	281	8.205	47.375	41.785	1.00	0.00
H									
HETATM	4741	H3	PRP	281	8.094	45.566	41.975	1.00	0.00
H									
HETATM	4742	C2	PRP	281	7.666	46.714	43.702	1.00	0.00
C									
HETATM	4743	H4	PRP	281	7.950	47.705	44.058	1.00	0.00
H									
HETATM	4744	O2	PRP	281	8.073	45.748	44.615	1.00	0.00
O									
HETATM	4745	H5	PRP	281	8.976	45.458	44.466	1.00	0.00
H									
HETATM	4746	C3	PRP	281	6.125	46.719	43.443	1.00	0.00
C									
HETATM	4747	H6	PRP	281	5.647	46.620	44.418	1.00	0.00
H									
HETATM	4748	H7	PRP	281	5.890	47.695	43.019	1.00	0.00
H									
HETATM	4749	H8	PRP	281	5.849	45.898	42.780	1.00	0.00
H									
HETATM	4750	O1	PRP	282	-10.761	40.225	40.812	1.00	0.00
O									
HETATM	4751	H1	PRP	282	-11.070	39.319	40.885	1.00	0.00
H									
HETATM	4752	C1	PRP	282	-10.342	40.364	39.495	1.00	0.00
C									
HETATM	4753	H2	PRP	282	-10.823	39.556	38.944	1.00	0.00
H									
HETATM	4754	H3	PRP	282	-10.849	41.270	39.162	1.00	0.00
H									
HETATM	4755	C2	PRP	282	-8.876	40.522	39.251	1.00	0.00
C									
HETATM	4756	H4	PRP	282	-8.603	40.722	38.216	1.00	0.00
H									
HETATM	4757	O2	PRP	282	-8.173	39.346	39.608	1.00	0.00
O									
HETATM	4758	H5	PRP	282	-8.198	39.373	40.567	1.00	0.00
H									
HETATM	4759	C3	PRP	282	-8.288	41.674	40.149	1.00	0.00
C									

HETATM	4760	H6	PRP	282	-8.365	41.399	41.201	1.00	0.00
H									
HETATM	4761	H7	PRP	282	-7.244	41.891	39.925	1.00	0.00
H									
HETATM	4762	H8	PRP	282	-8.870	42.529	39.806	1.00	0.00
H									
HETATM	4763	O1	PRP	283	-13.665	33.152	35.921	1.00	0.00
O									
HETATM	4764	H1	PRP	283	-13.585	33.124	34.965	1.00	0.00
H									
HETATM	4765	C1	PRP	283	-12.488	33.474	36.560	1.00	0.00
C									
HETATM	4766	H2	PRP	283	-12.305	34.542	36.447	1.00	0.00
H									
HETATM	4767	H3	PRP	283	-12.528	33.204	37.615	1.00	0.00
H									
HETATM	4768	C2	PRP	283	-11.379	32.623	35.992	1.00	0.00
C									
HETATM	4769	H4	PRP	283	-10.604	32.531	36.753	1.00	0.00
H									
HETATM	4770	O2	PRP	283	-10.917	33.253	34.794	1.00	0.00
O									
HETATM	4771	H5	PRP	283	-10.619	34.135	35.030	1.00	0.00
H									
HETATM	4772	C3	PRP	283	-11.792	31.178	35.598	1.00	0.00
C									
HETATM	4773	H6	PRP	283	-12.411	30.810	36.415	1.00	0.00
H									
HETATM	4774	H7	PRP	283	-12.121	31.189	34.559	1.00	0.00
H									
HETATM	4775	H8	PRP	283	-10.819	30.691	35.669	1.00	0.00
H									
HETATM	4776	O1	PRP	284	-6.685	38.739	51.962	1.00	0.00
O									
HETATM	4777	H1	PRP	284	-7.221	38.271	52.607	1.00	0.00
H									
HETATM	4778	C1	PRP	284	-6.814	38.229	50.646	1.00	0.00
C									
HETATM	4779	H2	PRP	284	-6.474	38.966	49.919	1.00	0.00
H									
HETATM	4780	H3	PRP	284	-6.277	37.281	50.629	1.00	0.00
H									
HETATM	4781	C2	PRP	284	-8.306	37.946	50.220	1.00	0.00
C									
HETATM	4782	H4	PRP	284	-8.907	38.813	50.493	1.00	0.00
H									
HETATM	4783	O2	PRP	284	-8.861	36.898	50.896	1.00	0.00
O									
HETATM	4784	H5	PRP	284	-9.671	36.694	50.423	1.00	0.00
H									
HETATM	4785	C3	PRP	284	-8.254	37.860	48.736	1.00	0.00
C									
HETATM	4786	H6	PRP	284	-7.793	38.803	48.441	1.00	0.00
H									
HETATM	4787	H7	PRP	284	-7.713	37.019	48.302	1.00	0.00
H									

HETATM	4788	H8	PRP	284	-9.284	37.830	48.380	1.00	0.00
H									
HETATM	4789	O1	PRP	285	2.149	44.732	41.252	1.00	0.00
O									
HETATM	4790	H1	PRP	285	2.251	45.043	42.154	1.00	0.00
H									
HETATM	4791	C1	PRP	285	0.754	44.907	40.938	1.00	0.00
C									
HETATM	4792	H2	PRP	285	0.188	44.125	41.444	1.00	0.00
H									
HETATM	4793	H3	PRP	285	0.385	45.920	41.104	1.00	0.00
H									
HETATM	4794	C2	PRP	285	0.458	44.686	39.471	1.00	0.00
C									
HETATM	4795	H4	PRP	285	1.044	43.831	39.134	1.00	0.00
H									
HETATM	4796	O2	PRP	285	0.838	45.895	38.818	1.00	0.00
O									
HETATM	4797	H5	PRP	285	1.673	46.187	39.190	1.00	0.00
H									
HETATM	4798	C3	PRP	285	-0.987	44.465	39.185	1.00	0.00
C									
HETATM	4799	H6	PRP	285	-1.285	43.561	39.715	1.00	0.00
H									
HETATM	4800	H7	PRP	285	-1.561	45.359	39.432	1.00	0.00
H									
HETATM	4801	H8	PRP	285	-1.147	44.256	38.128	1.00	0.00
H									
HETATM	4802	O1	PRP	286	-5.135	45.152	39.600	1.00	0.00
O									
HETATM	4803	H1	PRP	286	-4.696	45.436	38.795	1.00	0.00
H									
HETATM	4804	C1	PRP	286	-4.622	43.925	40.053	1.00	0.00
C									
HETATM	4805	H2	PRP	286	-5.312	43.173	39.668	1.00	0.00
H									
HETATM	4806	H3	PRP	286	-3.703	43.715	39.506	1.00	0.00
H									
HETATM	4807	C2	PRP	286	-4.493	43.941	41.567	1.00	0.00
C									
HETATM	4808	H4	PRP	286	-5.304	44.534	41.989	1.00	0.00
H									
HETATM	4809	O2	PRP	286	-3.286	44.602	41.955	1.00	0.00
O									
HETATM	4810	H5	PRP	286	-3.368	45.392	41.415	1.00	0.00
H									
HETATM	4811	C3	PRP	286	-4.628	42.627	42.320	1.00	0.00
C									
HETATM	4812	H6	PRP	286	-5.619	42.186	42.215	1.00	0.00
H									
HETATM	4813	H7	PRP	286	-3.921	41.923	41.881	1.00	0.00
H									
HETATM	4814	H8	PRP	286	-4.439	42.932	43.349	1.00	0.00
H									
HETATM	4815	O1	PRP	287	2.721	46.540	43.437	1.00	0.00
O									

HETATM	4816	H1	PRP	287	3.171	46.329	44.258	1.00	0.00
H									
HETATM	4817	C1	PRP	287	1.450	46.760	43.968	1.00	0.00
C									
HETATM	4818	H2	PRP	287	1.469	47.835	44.145	1.00	0.00
H									
HETATM	4819	H3	PRP	287	0.707	46.442	43.237	1.00	0.00
H									
HETATM	4820	C2	PRP	287	1.448	45.946	45.317	1.00	0.00
C									
HETATM	4821	H4	PRP	287	0.437	45.921	45.725	1.00	0.00
H									
HETATM	4822	O2	PRP	287	2.247	46.656	46.261	1.00	0.00
O									
HETATM	4823	H5	PRP	287	1.771	47.314	46.773	1.00	0.00
H									
HETATM	4824	C3	PRP	287	1.911	44.531	45.217	1.00	0.00
C									
HETATM	4825	H6	PRP	287	2.975	44.571	44.982	1.00	0.00
H									
HETATM	4826	H7	PRP	287	1.768	44.082	46.199	1.00	0.00
H									
HETATM	4827	H8	PRP	287	1.371	43.935	44.481	1.00	0.00
H									
HETATM	4828	O1	PRP	288	9.029	52.256	24.005	1.00	0.00
O									
HETATM	4829	H1	PRP	288	9.534	51.451	24.145	1.00	0.00
H									
HETATM	4830	C1	PRP	288	9.481	52.852	22.839	1.00	0.00
C									
HETATM	4831	H2	PRP	288	9.110	53.877	22.855	1.00	0.00
H									
HETATM	4832	H3	PRP	288	10.567	52.943	22.822	1.00	0.00
H									
HETATM	4833	C2	PRP	288	9.003	52.228	21.541	1.00	0.00
C									
HETATM	4834	H4	PRP	288	9.099	52.985	20.763	1.00	0.00
H									
HETATM	4835	O2	PRP	288	7.649	51.829	21.590	1.00	0.00
O									
HETATM	4836	H5	PRP	288	7.555	51.357	22.420	1.00	0.00
H									
HETATM	4837	C3	PRP	288	9.871	51.034	21.134	1.00	0.00
C									
HETATM	4838	H6	PRP	288	9.461	50.161	21.641	1.00	0.00
H									
HETATM	4839	H7	PRP	288	9.931	50.800	20.071	1.00	0.00
H									
HETATM	4840	H8	PRP	288	10.866	51.293	21.495	1.00	0.00
H									
HETATM	4841	O1	PRP	289	0.866	40.449	53.816	1.00	0.00
O									
HETATM	4842	H1	PRP	289	0.176	41.054	54.098	1.00	0.00
H									
HETATM	4843	C1	PRP	289	0.973	40.525	52.377	1.00	0.00
C									

HETATM	4844	H2	PRP	289	-0.044	40.624	51.995	1.00	0.00
H									
HETATM	4845	H3	PRP	289	1.603	41.391	52.173	1.00	0.00
H									
HETATM	4846	C2	PRP	289	1.559	39.287	51.778	1.00	0.00
C									
HETATM	4847	H4	PRP	289	1.491	39.526	50.717	1.00	0.00
H									
HETATM	4848	O2	PRP	289	0.794	38.074	52.045	1.00	0.00
O									
HETATM	4849	H5	PRP	289	0.710	37.982	52.997	1.00	0.00
H									
HETATM	4850	C3	PRP	289	3.083	39.178	52.090	1.00	0.00
C									
HETATM	4851	H6	PRP	289	3.602	38.323	51.658	1.00	0.00
H									
HETATM	4852	H7	PRP	289	3.637	40.087	51.854	1.00	0.00
H									
HETATM	4853	H8	PRP	289	3.172	39.111	53.174	1.00	0.00
H									
HETATM	4854	O1	PRP	290	6.916	28.269	44.112	1.00	0.00
O									
HETATM	4855	H1	PRP	290	6.275	27.595	43.871	1.00	0.00
H									
HETATM	4856	C1	PRP	290	6.738	28.612	45.384	1.00	0.00
C									
HETATM	4857	H2	PRP	290	6.187	29.553	45.414	1.00	0.00
H									
HETATM	4858	H3	PRP	290	6.403	27.706	45.888	1.00	0.00
H									
HETATM	4859	C2	PRP	290	8.171	28.846	45.913	1.00	0.00
C									
HETATM	4860	H4	PRP	290	8.790	29.334	45.160	1.00	0.00
H									
HETATM	4861	O2	PRP	290	8.676	27.558	46.237	1.00	0.00
O									
HETATM	4862	H5	PRP	290	9.287	27.281	45.551	1.00	0.00
H									
HETATM	4863	C3	PRP	290	8.355	29.722	47.204	1.00	0.00
C									
HETATM	4864	H6	PRP	290	7.770	29.239	47.986	1.00	0.00
H									
HETATM	4865	H7	PRP	290	9.425	29.802	47.398	1.00	0.00
H									
HETATM	4866	H8	PRP	290	8.064	30.733	46.920	1.00	0.00
H									
HETATM	4867	O1	PRP	291	-10.081	41.106	43.294	1.00	0.00
O									
HETATM	4868	H1	PRP	291	-10.588	40.852	42.519	1.00	0.00
H									
HETATM	4869	C1	PRP	291	-9.818	42.471	43.413	1.00	0.00
C									
HETATM	4870	H2	PRP	291	-9.681	43.016	42.479	1.00	0.00
H									
HETATM	4871	H3	PRP	291	-10.658	43.004	43.859	1.00	0.00
H									

HETATM	4872	C2	PRP	291	-8.539	42.553	44.301	1.00	0.00
C									
HETATM	4873	H4	PRP	291	-7.729	41.963	43.872	1.00	0.00
H									
HETATM	4874	O2	PRP	291	-8.791	42.074	45.576	1.00	0.00
O									
HETATM	4875	H5	PRP	291	-9.691	42.200	45.884	1.00	0.00
H									
HETATM	4876	C3	PRP	291	-8.008	43.980	44.445	1.00	0.00
C									
HETATM	4877	H6	PRP	291	-8.144	44.516	43.506	1.00	0.00
H									
HETATM	4878	H7	PRP	291	-8.517	44.546	45.226	1.00	0.00
H									
HETATM	4879	H8	PRP	291	-6.926	43.935	44.565	1.00	0.00
H									
HETATM	4880	O1	PRP	292	1.510	48.905	47.675	1.00	0.00
O									
HETATM	4881	H1	PRP	292	1.539	49.078	48.619	1.00	0.00
H									
HETATM	4882	C1	PRP	292	0.996	50.103	47.041	1.00	0.00
C									
HETATM	4883	H2	PRP	292	1.336	51.010	47.540	1.00	0.00
H									
HETATM	4884	H3	PRP	292	1.198	50.208	45.975	1.00	0.00
H									
HETATM	4885	C2	PRP	292	-0.531	50.127	47.248	1.00	0.00
C									
HETATM	4886	H4	PRP	292	-0.837	50.944	46.595	1.00	0.00
H									
HETATM	4887	O2	PRP	292	-0.949	50.301	48.607	1.00	0.00
O									
HETATM	4888	H5	PRP	292	-1.853	50.624	48.596	1.00	0.00
H									
HETATM	4889	C3	PRP	292	-1.365	48.928	46.675	1.00	0.00
C									
HETATM	4890	H6	PRP	292	-1.024	48.035	47.200	1.00	0.00
H									
HETATM	4891	H7	PRP	292	-2.451	49.017	46.714	1.00	0.00
H									
HETATM	4892	H8	PRP	292	-1.094	48.732	45.638	1.00	0.00
H									
HETATM	4893	O1	PRP	293	13.962	56.212	33.885	1.00	0.00
O									
HETATM	4894	H1	PRP	293	14.175	56.411	34.800	1.00	0.00
H									
HETATM	4895	C1	PRP	293	12.823	55.407	33.831	1.00	0.00
C									
HETATM	4896	H2	PRP	293	12.771	54.603	34.565	1.00	0.00
H									
HETATM	4897	H3	PRP	293	11.945	55.978	34.133	1.00	0.00
H									
HETATM	4898	C2	PRP	293	12.437	54.999	32.403	1.00	0.00
C									
HETATM	4899	H4	PRP	293	11.404	54.665	32.499	1.00	0.00
H									

HETATM	4900	O2	PRP	293	13.216	53.928	31.902	1.00	0.00
O									
HETATM	4901	H5	PRP	293	13.027	53.218	32.521	1.00	0.00
H									
HETATM	4902	C3	PRP	293	12.466	56.042	31.332	1.00	0.00
C									
HETATM	4903	H6	PRP	293	11.669	56.740	31.588	1.00	0.00
H									
HETATM	4904	H7	PRP	293	13.455	56.494	31.253	1.00	0.00
H									
HETATM	4905	H8	PRP	293	12.294	55.738	30.300	1.00	0.00
H									
HETATM	4906	O1	PRP	294	11.692	43.691	39.705	1.00	0.00
O									
HETATM	4907	H1	PRP	294	12.490	43.706	39.171	1.00	0.00
H									
HETATM	4908	C1	PRP	294	10.608	43.385	38.842	1.00	0.00
C									
HETATM	4909	H2	PRP	294	10.637	42.314	38.641	1.00	0.00
H									
HETATM	4910	H3	PRP	294	9.688	43.695	39.338	1.00	0.00
H									
HETATM	4911	C2	PRP	294	10.742	44.045	37.495	1.00	0.00
C									
HETATM	4912	H4	PRP	294	9.867	43.757	36.912	1.00	0.00
H									
HETATM	4913	O2	PRP	294	11.902	43.616	36.830	1.00	0.00
O									
HETATM	4914	H5	PRP	294	12.009	42.668	36.939	1.00	0.00
H									
HETATM	4915	C3	PRP	294	10.750	45.556	37.689	1.00	0.00
C									
HETATM	4916	H6	PRP	294	9.733	45.825	37.974	1.00	0.00
H									
HETATM	4917	H7	PRP	294	11.529	45.922	38.357	1.00	0.00
H									
HETATM	4918	H8	PRP	294	11.044	46.107	36.796	1.00	0.00
H									
HETATM	4919	O1	PRP	295	6.206	40.979	18.056	1.00	0.00
O									
HETATM	4920	H1	PRP	295	6.432	41.904	17.935	1.00	0.00
H									
HETATM	4921	C1	PRP	295	6.502	40.675	19.371	1.00	0.00
C									
HETATM	4922	H2	PRP	295	7.581	40.757	19.503	1.00	0.00
H									
HETATM	4923	H3	PRP	295	5.878	41.305	20.004	1.00	0.00
H									
HETATM	4924	C2	PRP	295	6.077	39.205	19.726	1.00	0.00
C									
HETATM	4925	H4	PRP	295	6.401	38.950	20.736	1.00	0.00
H									
HETATM	4926	O2	PRP	295	6.828	38.352	18.889	1.00	0.00
O									
HETATM	4927	H5	PRP	295	6.862	38.727	18.006	1.00	0.00
H									

HETATM	4928	C3	PRP	295	4.634	38.875	19.429	1.00	0.00
C									
HETATM	4929	H6	PRP	295	4.425	37.846	19.722	1.00	0.00
H									
HETATM	4930	H7	PRP	295	3.969	39.540	19.981	1.00	0.00
H									
HETATM	4931	H8	PRP	295	4.520	38.842	18.345	1.00	0.00
H									
HETATM	4932	O1	PRP	296	3.453	27.337	30.729	1.00	0.00
O									
HETATM	4933	H1	PRP	296	2.828	26.765	30.277	1.00	0.00
H									
HETATM	4934	C1	PRP	296	4.624	27.200	30.023	1.00	0.00
C									
HETATM	4935	H2	PRP	296	4.425	27.642	29.047	1.00	0.00
H									
HETATM	4936	H3	PRP	296	5.421	27.678	30.592	1.00	0.00
H									
HETATM	4937	C2	PRP	296	4.725	25.711	29.636	1.00	0.00
C									
HETATM	4938	H4	PRP	296	5.649	25.491	29.101	1.00	0.00
H									
HETATM	4939	O2	PRP	296	3.558	25.316	28.956	1.00	0.00
O									
HETATM	4940	H5	PRP	296	3.664	24.445	28.566	1.00	0.00
H									
HETATM	4941	C3	PRP	296	4.998	24.918	30.843	1.00	0.00
C									
HETATM	4942	H6	PRP	296	4.166	25.090	31.525	1.00	0.00
H									
HETATM	4943	H7	PRP	296	5.183	23.854	30.696	1.00	0.00
H									
HETATM	4944	H8	PRP	296	5.845	25.326	31.395	1.00	0.00
H									
HETATM	4945	O1	PRP	297	5.369	30.518	31.703	1.00	0.00
O									
HETATM	4946	H1	PRP	297	6.148	30.752	32.214	1.00	0.00
H									
HETATM	4947	C1	PRP	297	4.620	29.762	32.577	1.00	0.00
C									
HETATM	4948	H2	PRP	297	3.613	29.704	32.165	1.00	0.00
H									
HETATM	4949	H3	PRP	297	4.985	28.741	32.693	1.00	0.00
H									
HETATM	4950	C2	PRP	297	4.624	30.347	33.992	1.00	0.00
C									
HETATM	4951	H4	PRP	297	4.532	31.433	34.019	1.00	0.00
H									
HETATM	4952	O2	PRP	297	5.819	30.025	34.686	1.00	0.00
O									
HETATM	4953	H5	PRP	297	6.594	30.105	34.125	1.00	0.00
H									
HETATM	4954	C3	PRP	297	3.388	29.872	34.748	1.00	0.00
C									
HETATM	4955	H6	PRP	297	3.462	30.302	35.747	1.00	0.00
H									

HETATM	4956	H7	PRP	297	2.508	30.265	34.238	1.00	0.00
H									
HETATM	4957	H8	PRP	297	3.417	28.791	34.885	1.00	0.00
H									
HETATM	4958	O1	PRP	298	10.915	40.484	27.157	1.00	0.00
O									
HETATM	4959	H1	PRP	298	11.487	40.255	26.421	1.00	0.00
H									
HETATM	4960	C1	PRP	298	9.546	40.348	26.800	1.00	0.00
C									
HETATM	4961	H2	PRP	298	9.303	39.366	26.396	1.00	0.00
H									
HETATM	4962	H3	PRP	298	9.075	40.489	27.773	1.00	0.00
H									
HETATM	4963	C2	PRP	298	9.057	41.465	25.848	1.00	0.00
C									
HETATM	4964	H4	PRP	298	9.669	41.506	24.947	1.00	0.00
H									
HETATM	4965	O2	PRP	298	9.025	42.825	26.355	1.00	0.00
O									
HETATM	4966	H5	PRP	298	9.817	43.037	26.855	1.00	0.00
H									
HETATM	4967	C3	PRP	298	7.558	41.168	25.416	1.00	0.00
C									
HETATM	4968	H6	PRP	298	7.428	40.141	25.074	1.00	0.00
H									
HETATM	4969	H7	PRP	298	6.900	41.352	26.265	1.00	0.00
H									
HETATM	4970	H8	PRP	298	7.326	41.782	24.546	1.00	0.00
H									
HETATM	4971	O1	PRP	299	10.125	39.149	37.227	1.00	0.00
O									
HETATM	4972	H1	PRP	299	10.021	40.030	37.594	1.00	0.00
H									
HETATM	4973	C1	PRP	299	11.514	38.797	37.070	1.00	0.00
C									
HETATM	4974	H2	PRP	299	11.996	38.620	38.032	1.00	0.00
H									
HETATM	4975	H3	PRP	299	11.747	37.934	36.446	1.00	0.00
H									
HETATM	4976	C2	PRP	299	12.209	40.039	36.473	1.00	0.00
C									
HETATM	4977	H4	PRP	299	13.074	39.714	35.893	1.00	0.00
H									
HETATM	4978	O2	PRP	299	12.636	40.986	37.382	1.00	0.00
O									
HETATM	4979	H5	PRP	299	13.343	40.661	37.944	1.00	0.00
H									
HETATM	4980	C3	PRP	299	11.353	40.681	35.408	1.00	0.00
C									
HETATM	4981	H6	PRP	299	11.028	39.991	34.629	1.00	0.00
H									
HETATM	4982	H7	PRP	299	10.483	41.200	35.811	1.00	0.00
H									
HETATM	4983	H8	PRP	299	11.910	41.440	34.859	1.00	0.00
H									

HETATM	4984	O1	PRP	300	-3.133	34.009	42.923	1.00	0.00
O									
HETATM	4985	H1	PRP	300	-2.424	33.377	42.782	1.00	0.00
H									
HETATM	4986	C1	PRP	300	-2.449	35.263	42.953	1.00	0.00
C									
HETATM	4987	H2	PRP	300	-1.879	35.482	42.050	1.00	0.00
H									
HETATM	4988	H3	PRP	300	-3.233	36.005	43.101	1.00	0.00
H									
HETATM	4989	C2	PRP	300	-1.597	35.275	44.099	1.00	0.00
C									
HETATM	4990	H4	PRP	300	-0.795	34.538	44.109	1.00	0.00
H									
HETATM	4991	O2	PRP	300	-2.350	35.104	45.247	1.00	0.00
O									
HETATM	4992	H5	PRP	300	-2.081	34.359	45.790	1.00	0.00
H									
HETATM	4993	C3	PRP	300	-0.877	36.583	44.039	1.00	0.00
C									
HETATM	4994	H6	PRP	300	-1.602	37.394	43.964	1.00	0.00
H									
HETATM	4995	H7	PRP	300	-0.165	36.679	44.860	1.00	0.00
H									
HETATM	4996	H8	PRP	300	-0.218	36.674	43.176	1.00	0.00
H									
HETATM	4997	O1	PRP	301	12.636	52.978	38.593	1.00	0.00
O									
HETATM	4998	H1	PRP	301	12.231	53.710	39.064	1.00	0.00
H									
HETATM	4999	C1	PRP	301	13.163	52.178	39.671	1.00	0.00
C									
HETATM	5000	H2	PRP	301	13.042	51.157	39.310	1.00	0.00
H									
HETATM	5001	H3	PRP	301	14.215	52.211	39.956	1.00	0.00
H									
HETATM	5002	C2	PRP	301	12.419	52.341	40.935	1.00	0.00
C									
HETATM	5003	H4	PRP	301	13.048	51.954	41.737	1.00	0.00
H									
HETATM	5004	O2	PRP	301	11.190	51.573	40.896	1.00	0.00
O									
HETATM	5005	H5	PRP	301	10.949	51.565	39.967	1.00	0.00
H									
HETATM	5006	C3	PRP	301	12.192	53.797	41.316	1.00	0.00
C									
HETATM	5007	H6	PRP	301	13.037	54.430	41.042	1.00	0.00
H									
HETATM	5008	H7	PRP	301	11.304	54.033	40.729	1.00	0.00
H									
HETATM	5009	H8	PRP	301	11.976	53.914	42.378	1.00	0.00
H									
HETATM	5010	O1	PRP	302	26.325	37.850	27.392	1.00	0.00
O									
HETATM	5011	H1	PRP	302	26.619	38.490	26.739	1.00	0.00
H									

HETATM	5012	C1	PRP	302	25.090	38.248	27.951	1.00	0.00
C									
HETATM	5013	H2	PRP	302	24.636	37.500	28.601	1.00	0.00
H									
HETATM	5014	H3	PRP	302	25.236	39.199	28.463	1.00	0.00
H									
HETATM	5015	C2	PRP	302	23.996	38.565	26.856	1.00	0.00
C									
HETATM	5016	H4	PRP	302	24.028	37.768	26.112	1.00	0.00
H									
HETATM	5017	O2	PRP	302	24.304	39.757	26.169	1.00	0.00
O									
HETATM	5018	H5	PRP	302	23.731	39.818	25.401	1.00	0.00
H									
HETATM	5019	C3	PRP	302	22.615	38.610	27.519	1.00	0.00
C									
HETATM	5020	H6	PRP	302	22.367	37.578	27.764	1.00	0.00
H									
HETATM	5021	H7	PRP	302	22.660	39.345	28.323	1.00	0.00
H									
HETATM	5022	H8	PRP	302	21.828	38.841	26.801	1.00	0.00
H									
HETATM	5023	O1	PRP	303	-15.711	7.834	46.429	1.00	0.00
O									
HETATM	5024	H1	PRP	303	-15.866	7.841	47.376	1.00	0.00
H									
HETATM	5025	C1	PRP	303	-15.115	6.606	46.195	1.00	0.00
C									
HETATM	5026	H2	PRP	303	-15.430	6.249	45.215	1.00	0.00
H									
HETATM	5027	H3	PRP	303	-14.027	6.580	46.124	1.00	0.00
H									
HETATM	5028	C2	PRP	303	-15.507	5.564	47.209	1.00	0.00
C									
HETATM	5029	H4	PRP	303	-16.570	5.350	47.316	1.00	0.00
H									
HETATM	5030	O2	PRP	303	-15.100	5.887	48.491	1.00	0.00
O									
HETATM	5031	H5	PRP	303	-15.606	6.668	48.729	1.00	0.00
H									
HETATM	5032	C3	PRP	303	-14.835	4.220	46.882	1.00	0.00
C									
HETATM	5033	H6	PRP	303	-14.872	3.557	47.747	1.00	0.00
H									
HETATM	5034	H7	PRP	303	-15.382	3.735	46.074	1.00	0.00
H									
HETATM	5035	H8	PRP	303	-13.814	4.362	46.530	1.00	0.00
H									
HETATM	5036	O1	PRP	304	-4.705	42.325	30.353	1.00	0.00
O									
HETATM	5037	H1	PRP	304	-4.506	43.112	29.841	1.00	0.00
H									
HETATM	5038	C1	PRP	304	-3.677	41.409	30.046	1.00	0.00
C									
HETATM	5039	H2	PRP	304	-4.134	40.694	29.362	1.00	0.00
H									

HETATM	5040	H3	PRP	304	-2.781	41.936	29.720	1.00	0.00
H									
HETATM	5041	C2	PRP	304	-3.318	40.630	31.313	1.00	0.00
C									
HETATM	5042	H4	PRP	304	-2.787	39.736	30.988	1.00	0.00
H									
HETATM	5043	O2	PRP	304	-4.495	40.149	31.940	1.00	0.00
O									
HETATM	5044	H5	PRP	304	-5.260	40.672	31.691	1.00	0.00
H									
HETATM	5045	C3	PRP	304	-2.666	41.438	32.393	1.00	0.00
C									
HETATM	5046	H6	PRP	304	-2.370	40.829	33.248	1.00	0.00
H									
HETATM	5047	H7	PRP	304	-1.801	41.880	31.899	1.00	0.00
H									
HETATM	5048	H8	PRP	304	-3.337	42.196	32.797	1.00	0.00
H									
HETATM	5049	O1	PRP	305	-10.072	34.201	50.147	1.00	0.00
O									
HETATM	5050	H1	PRP	305	-9.421	34.213	50.852	1.00	0.00
H									
HETATM	5051	C1	PRP	305	-9.530	33.321	49.212	1.00	0.00
C									
HETATM	5052	H2	PRP	305	-8.715	33.728	48.614	1.00	0.00
H									
HETATM	5053	H3	PRP	305	-9.072	32.519	49.791	1.00	0.00
H									
HETATM	5054	C2	PRP	305	-10.582	32.527	48.447	1.00	0.00
C									
HETATM	5055	H4	PRP	305	-11.273	33.221	47.968	1.00	0.00
H									
HETATM	5056	O2	PRP	305	-11.196	31.544	49.182	1.00	0.00
O									
HETATM	5057	H5	PRP	305	-11.225	31.749	50.120	1.00	0.00
H									
HETATM	5058	C3	PRP	305	-9.901	31.785	47.353	1.00	0.00
C									
HETATM	5059	H6	PRP	305	-10.357	30.890	46.931	1.00	0.00
H									
HETATM	5060	H7	PRP	305	-9.872	32.483	46.516	1.00	0.00
H									
HETATM	5061	H8	PRP	305	-8.862	31.551	47.586	1.00	0.00
H									
HETATM	5062	O1	PRP	306	-0.973	29.530	45.048	1.00	0.00
O									
HETATM	5063	H1	PRP	306	-1.119	29.602	45.994	1.00	0.00
H									
HETATM	5064	C1	PRP	306	-2.371	29.524	44.546	1.00	0.00
C									
HETATM	5065	H2	PRP	306	-2.842	30.492	44.716	1.00	0.00
H									
HETATM	5066	H3	PRP	306	-2.420	29.154	43.522	1.00	0.00
H									
HETATM	5067	C2	PRP	306	-3.234	28.572	45.349	1.00	0.00
C									

HETATM	5068	H4	PRP	306	-4.285	28.862	45.344	1.00	0.00
H									
HETATM	5069	O2	PRP	306	-2.758	28.509	46.699	1.00	0.00
O									
HETATM	5070	H5	PRP	306	-3.195	29.215	47.182	1.00	0.00
H									
HETATM	5071	C3	PRP	306	-3.155	27.137	44.766	1.00	0.00
C									
HETATM	5072	H6	PRP	306	-4.003	26.599	45.190	1.00	0.00
H									
HETATM	5073	H7	PRP	306	-3.423	27.084	43.711	1.00	0.00
H									
HETATM	5074	H8	PRP	306	-2.213	26.616	44.936	1.00	0.00
H									
HETATM	5075	O1	PRP	307	-8.502	29.598	44.000	1.00	0.00
O									
HETATM	5076	H1	PRP	307	-8.540	29.340	44.924	1.00	0.00
H									
HETATM	5077	C1	PRP	307	-9.814	29.516	43.372	1.00	0.00
C									
HETATM	5078	H2	PRP	307	-10.060	28.488	43.104	1.00	0.00
H									
HETATM	5079	H3	PRP	307	-10.467	29.839	44.182	1.00	0.00
H									
HETATM	5080	C2	PRP	307	-10.061	30.412	42.101	1.00	0.00
C									
HETATM	5081	H4	PRP	307	-9.280	30.249	41.359	1.00	0.00
H									
HETATM	5082	O2	PRP	307	-10.089	31.737	42.490	1.00	0.00
O									
HETATM	5083	H5	PRP	307	-9.203	31.981	42.769	1.00	0.00
H									
HETATM	5084	C3	PRP	307	-11.402	30.140	41.517	1.00	0.00
C									
HETATM	5085	H6	PRP	307	-11.489	29.076	41.301	1.00	0.00
H									
HETATM	5086	H7	PRP	307	-12.199	30.496	42.170	1.00	0.00
H									
HETATM	5087	H8	PRP	307	-11.480	30.685	40.576	1.00	0.00
H									
HETATM	5088	O1	PRP	308	11.725	49.962	35.808	1.00	0.00
O									
HETATM	5089	H1	PRP	308	12.587	49.626	35.551	1.00	0.00
H									
HETATM	5090	C1	PRP	308	10.994	50.134	34.544	1.00	0.00
C									
HETATM	5091	H2	PRP	308	10.549	49.220	34.151	1.00	0.00
H									
HETATM	5092	H3	PRP	308	10.087	50.723	34.684	1.00	0.00
H									
HETATM	5093	C2	PRP	308	11.870	50.845	33.485	1.00	0.00
C									
HETATM	5094	H4	PRP	308	12.673	50.146	33.248	1.00	0.00
H									
HETATM	5095	O2	PRP	308	12.378	52.084	33.933	1.00	0.00
O									

HETATM	5096	H5	PRP	308	12.659	51.861	34.823	1.00	0.00
H									
HETATM	5097	C3	PRP	308	11.142	51.097	32.148	1.00	0.00
C									
HETATM	5098	H6	PRP	308	10.292	50.427	32.027	1.00	0.00
H									
HETATM	5099	H7	PRP	308	10.654	52.069	32.221	1.00	0.00
H									
HETATM	5100	H8	PRP	308	11.722	50.993	31.231	1.00	0.00
H									
HETATM	5101	O1	PRP	309	12.865	41.442	31.453	1.00	0.00
O									
HETATM	5102	H1	PRP	309	12.568	42.012	30.740	1.00	0.00
H									
HETATM	5103	C1	PRP	309	11.772	40.432	31.500	1.00	0.00
C									
HETATM	5104	H2	PRP	309	12.099	39.395	31.414	1.00	0.00
H									
HETATM	5105	H3	PRP	309	11.360	40.529	32.504	1.00	0.00
H									
HETATM	5106	C2	PRP	309	10.618	40.820	30.526	1.00	0.00
C									
HETATM	5107	H4	PRP	309	10.182	39.867	30.228	1.00	0.00
H									
HETATM	5108	O2	PRP	309	11.062	41.765	29.482	1.00	0.00
O									
HETATM	5109	H5	PRP	309	11.140	41.253	28.673	1.00	0.00
H									
HETATM	5110	C3	PRP	309	9.522	41.619	31.369	1.00	0.00
C									
HETATM	5111	H6	PRP	309	9.139	41.054	32.219	1.00	0.00
H									
HETATM	5112	H7	PRP	309	10.001	42.545	31.686	1.00	0.00
H									
HETATM	5113	H8	PRP	309	8.661	41.985	30.810	1.00	0.00
H									
HETATM	5114	O1	PRP	310	-3.951	35.665	22.733	1.00	0.00
O									
HETATM	5115	H1	PRP	310	-4.051	35.188	21.906	1.00	0.00
H									
HETATM	5116	C1	PRP	310	-5.007	36.628	22.725	1.00	0.00
C									
HETATM	5117	H2	PRP	310	-4.509	37.529	22.365	1.00	0.00
H									
HETATM	5118	H3	PRP	310	-5.706	36.472	21.904	1.00	0.00
H									
HETATM	5119	C2	PRP	310	-5.664	36.946	24.066	1.00	0.00
C									
HETATM	5120	H4	PRP	310	-4.875	37.057	24.809	1.00	0.00
H									
HETATM	5121	O2	PRP	310	-6.469	35.958	24.525	1.00	0.00
O									
HETATM	5122	H5	PRP	310	-6.125	35.157	24.122	1.00	0.00
H									
HETATM	5123	C3	PRP	310	-6.429	38.192	24.037	1.00	0.00
C									

HETATM	5124	H6	PRP	310	-5.659	38.963	24.074	1.00	0.00
H									
HETATM	5125	H7	PRP	310	-7.067	38.387	23.176	1.00	0.00
H									
HETATM	5126	H8	PRP	310	-7.008	38.280	24.957	1.00	0.00
H									
HETATM	5127	O1	PRP	311	4.014	36.480	38.257	1.00	0.00
O									
HETATM	5128	H1	PRP	311	4.318	36.825	39.100	1.00	0.00
H									
HETATM	5129	C1	PRP	311	4.613	35.246	38.056	1.00	0.00
C									
HETATM	5130	H2	PRP	311	5.610	35.133	38.482	1.00	0.00
H									
HETATM	5131	H3	PRP	311	3.955	34.547	38.572	1.00	0.00
H									
HETATM	5132	C2	PRP	311	4.618	34.886	36.551	1.00	0.00
C									
HETATM	5133	H4	PRP	311	5.169	35.650	36.005	1.00	0.00
H									
HETATM	5134	O2	PRP	311	3.327	34.905	36.035	1.00	0.00
O									
HETATM	5135	H5	PRP	311	2.876	35.716	36.277	1.00	0.00
H									
HETATM	5136	C3	PRP	311	5.240	33.496	36.344	1.00	0.00
C									
HETATM	5137	H6	PRP	311	6.017	33.393	37.102	1.00	0.00
H									
HETATM	5138	H7	PRP	311	4.491	32.712	36.461	1.00	0.00
H									
HETATM	5139	H8	PRP	311	5.718	33.333	35.378	1.00	0.00
H									
HETATM	5140	O1	PRP	312	-3.477	22.108	30.403	1.00	0.00
O									
HETATM	5141	H1	PRP	312	-3.131	22.959	30.682	1.00	0.00
H									
HETATM	5142	C1	PRP	312	-2.430	21.174	30.691	1.00	0.00
C									
HETATM	5143	H2	PRP	312	-2.664	20.200	30.261	1.00	0.00
H									
HETATM	5144	H3	PRP	312	-1.495	21.547	30.274	1.00	0.00
H									
HETATM	5145	C2	PRP	312	-2.324	20.897	32.172	1.00	0.00
C									
HETATM	5146	H4	PRP	312	-1.505	20.185	32.273	1.00	0.00
H									
HETATM	5147	O2	PRP	312	-3.463	20.397	32.700	1.00	0.00
O									
HETATM	5148	H5	PRP	312	-4.039	21.142	32.885	1.00	0.00
H									
HETATM	5149	C3	PRP	312	-2.009	22.174	32.979	1.00	0.00
C									
HETATM	5150	H6	PRP	312	-2.603	23.015	32.621	1.00	0.00
H									
HETATM	5151	H7	PRP	312	-2.149	21.966	34.040	1.00	0.00
H									

HETATM	5152	H8	PRP	312	-0.979	22.452	32.755	1.00	0.00
H									
HETATM	5153	O1	PRP	313	-1.804	36.794	33.996	1.00	0.00
O									
HETATM	5154	H1	PRP	313	-2.001	36.534	33.093	1.00	0.00
H									
HETATM	5155	C1	PRP	313	-2.816	36.247	34.805	1.00	0.00
C									
HETATM	5156	H2	PRP	313	-2.970	35.186	34.609	1.00	0.00
H									
HETATM	5157	H3	PRP	313	-2.467	36.432	35.821	1.00	0.00
H									
HETATM	5158	C2	PRP	313	-4.190	36.929	34.577	1.00	0.00
C									
HETATM	5159	H4	PRP	313	-4.968	36.477	35.192	1.00	0.00
H									
HETATM	5160	O2	PRP	313	-4.688	36.750	33.280	1.00	0.00
O									
HETATM	5161	H5	PRP	313	-4.654	37.544	32.741	1.00	0.00
H									
HETATM	5162	C3	PRP	313	-4.159	38.501	34.865	1.00	0.00
C									
HETATM	5163	H6	PRP	313	-3.399	38.690	35.623	1.00	0.00
H									
HETATM	5164	H7	PRP	313	-3.722	38.908	33.953	1.00	0.00
H									
HETATM	5165	H8	PRP	313	-5.167	38.829	35.118	1.00	0.00
H									
HETATM	5166	O1	PRP	314	-9.336	37.491	37.858	1.00	0.00
O									
HETATM	5167	H1	PRP	314	-8.931	37.960	38.592	1.00	0.00
H									
HETATM	5168	C1	PRP	314	-8.472	37.560	36.667	1.00	0.00
C									
HETATM	5169	H2	PRP	314	-8.927	38.289	35.997	1.00	0.00
H									
HETATM	5170	H3	PRP	314	-7.475	37.874	36.975	1.00	0.00
H									
HETATM	5171	C2	PRP	314	-8.304	36.203	36.009	1.00	0.00
C									
HETATM	5172	H4	PRP	314	-7.899	36.364	35.009	1.00	0.00
H									
HETATM	5173	O2	PRP	314	-9.525	35.650	35.923	1.00	0.00
O									
HETATM	5174	H5	PRP	314	-9.964	35.987	36.708	1.00	0.00
H									
HETATM	5175	C3	PRP	314	-7.384	35.229	36.722	1.00	0.00
C									
HETATM	5176	H6	PRP	314	-7.296	34.437	35.979	1.00	0.00
H									
HETATM	5177	H7	PRP	314	-6.441	35.594	37.130	1.00	0.00
H									
HETATM	5178	H8	PRP	314	-7.931	34.887	37.601	1.00	0.00
H									
HETATM	5179	O1	PRP	315	-0.175	34.072	40.864	1.00	0.00
O									

HETATM	5180	H1	PRP	315	0.346	34.493	40.176	1.00	0.00
H									
HETATM	5181	C1	PRP	315	0.403	32.805	41.084	1.00	0.00
C									
HETATM	5182	H2	PRP	315	0.776	32.545	40.093	1.00	0.00
H									
HETATM	5183	H3	PRP	315	1.254	32.847	41.764	1.00	0.00
H									
HETATM	5184	C2	PRP	315	-0.550	31.733	41.584	1.00	0.00
C									
HETATM	5185	H4	PRP	315	-1.364	31.752	40.859	1.00	0.00
H									
HETATM	5186	O2	PRP	315	-1.165	32.020	42.833	1.00	0.00
O									
HETATM	5187	H5	PRP	315	-0.908	31.398	43.517	1.00	0.00
H									
HETATM	5188	C3	PRP	315	0.069	30.387	41.647	1.00	0.00
C									
HETATM	5189	H6	PRP	315	-0.758	29.683	41.562	1.00	0.00
H									
HETATM	5190	H7	PRP	315	0.691	30.235	40.765	1.00	0.00
H									
HETATM	5191	H8	PRP	315	0.646	30.327	42.569	1.00	0.00
H									
HETATM	5192	O1	PRP	316	17.604	43.409	28.819	1.00	0.00
O									
HETATM	5193	H1	PRP	316	16.831	42.872	29.008	1.00	0.00
H									
HETATM	5194	C1	PRP	316	17.443	44.548	29.642	1.00	0.00
C									
HETATM	5195	H2	PRP	316	16.645	45.156	29.215	1.00	0.00
H									
HETATM	5196	H3	PRP	316	17.250	44.265	30.677	1.00	0.00
H									
HETATM	5197	C2	PRP	316	18.831	45.341	29.698	1.00	0.00
C									
HETATM	5198	H4	PRP	316	18.739	46.279	30.246	1.00	0.00
H									
HETATM	5199	O2	PRP	316	19.244	45.562	28.362	1.00	0.00
O									
HETATM	5200	H5	PRP	316	18.803	44.884	27.846	1.00	0.00
H									
HETATM	5201	C3	PRP	316	19.878	44.464	30.446	1.00	0.00
C									
HETATM	5202	H6	PRP	316	20.192	43.534	29.972	1.00	0.00
H									
HETATM	5203	H7	PRP	316	20.721	45.148	30.544	1.00	0.00
H									
HETATM	5204	H8	PRP	316	19.722	44.301	31.512	1.00	0.00
H									
HETATM	5205	O1	PRP	317	16.100	48.192	33.308	1.00	0.00
O									
HETATM	5206	H1	PRP	317	16.849	48.622	33.726	1.00	0.00
H									
HETATM	5207	C1	PRP	317	15.737	48.906	32.112	1.00	0.00
C									

HETATM	5208	H2	PRP	317	14.715	48.677	31.809	1.00	0.00
H									
HETATM	5209	H3	PRP	317	15.913	49.931	32.440	1.00	0.00
H									
HETATM	5210	C2	PRP	317	16.636	48.418	30.955	1.00	0.00
C									
HETATM	5211	H4	PRP	317	16.829	47.347	31.007	1.00	0.00
H									
HETATM	5212	O2	PRP	317	17.876	49.136	31.008	1.00	0.00
O									
HETATM	5213	H5	PRP	317	18.219	49.304	30.128	1.00	0.00
H									
HETATM	5214	C3	PRP	317	16.016	48.800	29.615	1.00	0.00
C									
HETATM	5215	H6	PRP	317	15.041	48.320	29.531	1.00	0.00
H									
HETATM	5216	H7	PRP	317	16.030	49.889	29.579	1.00	0.00
H									
HETATM	5217	H8	PRP	317	16.734	48.453	28.872	1.00	0.00
H									
HETATM	5218	O1	PRP	318	-5.067	18.363	33.562	1.00	0.00
O									
HETATM	5219	H1	PRP	318	-4.361	19.002	33.686	1.00	0.00
H									
HETATM	5220	C1	PRP	318	-4.599	17.502	32.536	1.00	0.00
C									
HETATM	5221	H2	PRP	318	-3.899	17.976	31.848	1.00	0.00
H									
HETATM	5222	H3	PRP	318	-4.066	16.716	33.071	1.00	0.00
H									
HETATM	5223	C2	PRP	318	-5.630	16.755	31.643	1.00	0.00
C									
HETATM	5224	H4	PRP	318	-6.208	17.449	31.032	1.00	0.00
H									
HETATM	5225	O2	PRP	318	-6.523	16.000	32.413	1.00	0.00
O									
HETATM	5226	H5	PRP	318	-7.062	16.537	32.998	1.00	0.00
H									
HETATM	5227	C3	PRP	318	-4.962	15.816	30.667	1.00	0.00
C									
HETATM	5228	H6	PRP	318	-4.305	15.099	31.159	1.00	0.00
H									
HETATM	5229	H7	PRP	318	-5.650	15.328	29.976	1.00	0.00
H									
HETATM	5230	H8	PRP	318	-4.304	16.388	30.013	1.00	0.00
H									
HETATM	5231	O1	PRP	319	0.730	19.363	35.562	1.00	0.00
O									
HETATM	5232	H1	PRP	319	-0.123	19.790	35.455	1.00	0.00
H									
HETATM	5233	C1	PRP	319	0.440	18.376	36.474	1.00	0.00
C									
HETATM	5234	H2	PRP	319	1.321	17.792	36.741	1.00	0.00
H									
HETATM	5235	H3	PRP	319	0.161	18.931	37.370	1.00	0.00
H									

HETATM	5236	C2	PRP	319	-0.767	17.532	36.007	1.00	0.00
C									
HETATM	5237	H4	PRP	319	-1.052	16.773	36.736	1.00	0.00
H									
HETATM	5238	O2	PRP	319	-0.539	16.998	34.781	1.00	0.00
O									
HETATM	5239	H5	PRP	319	0.043	16.239	34.863	1.00	0.00
H									
HETATM	5240	C3	PRP	319	-1.994	18.480	35.804	1.00	0.00
C									
HETATM	5241	H6	PRP	319	-2.792	17.836	35.435	1.00	0.00
H									
HETATM	5242	H7	PRP	319	-2.273	18.990	36.726	1.00	0.00
H									
HETATM	5243	H8	PRP	319	-1.832	19.119	34.936	1.00	0.00
H									
HETATM	5244	O1	PRP	320	-3.175	18.379	27.916	1.00	0.00
O									
HETATM	5245	H1	PRP	320	-3.526	19.227	27.637	1.00	0.00
H									
HETATM	5246	C1	PRP	320	-1.950	18.041	27.225	1.00	0.00
C									
HETATM	5247	H2	PRP	320	-1.633	17.078	27.626	1.00	0.00
H									
HETATM	5248	H3	PRP	320	-2.225	17.994	26.172	1.00	0.00
H									
HETATM	5249	C2	PRP	320	-0.894	19.190	27.352	1.00	0.00
C									
HETATM	5250	H4	PRP	320	-0.455	19.236	28.348	1.00	0.00
H									
HETATM	5251	O2	PRP	320	-1.571	20.372	27.004	1.00	0.00
O									
HETATM	5252	H5	PRP	320	-2.000	20.678	27.806	1.00	0.00
H									
HETATM	5253	C3	PRP	320	0.204	19.109	26.323	1.00	0.00
C									
HETATM	5254	H6	PRP	320	0.761	18.176	26.417	1.00	0.00
H									
HETATM	5255	H7	PRP	320	-0.140	19.283	25.304	1.00	0.00
H									
HETATM	5256	H8	PRP	320	0.851	19.969	26.496	1.00	0.00
H									
HETATM	5257	O1	PRP	321	2.187	33.108	34.233	1.00	0.00
O									
HETATM	5258	H1	PRP	321	2.695	33.505	34.945	1.00	0.00
H									
HETATM	5259	C1	PRP	321	0.820	33.509	34.493	1.00	0.00
C									
HETATM	5260	H2	PRP	321	0.798	34.569	34.748	1.00	0.00
H									
HETATM	5261	H3	PRP	321	0.243	33.496	33.568	1.00	0.00
H									
HETATM	5262	C2	PRP	321	0.122	32.588	35.536	1.00	0.00
C									
HETATM	5263	H4	PRP	321	0.333	31.564	35.226	1.00	0.00
H									

HETATM	5264	O2	PRP	321	-1.305	32.829	35.544	1.00	0.00
O									
HETATM	5265	H5	PRP	321	-1.649	32.356	34.783	1.00	0.00
H									
HETATM	5266	C3	PRP	321	0.731	32.811	36.960	1.00	0.00
C									
HETATM	5267	H6	PRP	321	0.519	32.079	37.739	1.00	0.00
H									
HETATM	5268	H7	PRP	321	1.806	32.808	36.785	1.00	0.00
H									
HETATM	5269	H8	PRP	321	0.465	33.831	37.238	1.00	0.00
H									
HETATM	5270	O1	PRP	322	23.491	37.389	35.440	1.00	0.00
O									
HETATM	5271	H1	PRP	322	22.669	37.414	34.944	1.00	0.00
H									
HETATM	5272	C1	PRP	322	24.070	36.115	35.407	1.00	0.00
C									
HETATM	5273	H2	PRP	322	23.518	35.409	36.026	1.00	0.00
H									
HETATM	5274	H3	PRP	322	23.987	35.842	34.355	1.00	0.00
H									
HETATM	5275	C2	PRP	322	25.601	36.034	35.624	1.00	0.00
C									
HETATM	5276	H4	PRP	322	25.880	36.395	36.614	1.00	0.00
H									
HETATM	5277	O2	PRP	322	26.261	36.786	34.641	1.00	0.00
O									
HETATM	5278	H5	PRP	322	25.608	37.422	34.339	1.00	0.00
H									
HETATM	5279	C3	PRP	322	26.166	34.589	35.554	1.00	0.00
C									
HETATM	5280	H6	PRP	322	25.553	34.033	34.846	1.00	0.00
H									
HETATM	5281	H7	PRP	322	27.240	34.580	35.367	1.00	0.00
H									
HETATM	5282	H8	PRP	322	26.036	34.212	36.569	1.00	0.00
H									
HETATM	5283	O1	PRP	323	7.262	22.770	28.132	1.00	0.00
O									
HETATM	5284	H1	PRP	323	6.745	22.272	27.496	1.00	0.00
H									
HETATM	5285	C1	PRP	323	8.360	23.307	27.367	1.00	0.00
C									
HETATM	5286	H2	PRP	323	9.140	22.585	27.123	1.00	0.00
H									
HETATM	5287	H3	PRP	323	7.914	23.806	26.506	1.00	0.00
H									
HETATM	5288	C2	PRP	323	8.987	24.377	28.199	1.00	0.00
C									
HETATM	5289	H4	PRP	323	9.390	24.012	29.144	1.00	0.00
H									
HETATM	5290	O2	PRP	323	8.104	25.452	28.363	1.00	0.00
O									
HETATM	5291	H5	PRP	323	7.380	25.215	27.778	1.00	0.00
H									

HETATM	5292	C3	PRP	323	10.165	24.888	27.368	1.00	0.00
C									
HETATM	5293	H6	PRP	323	10.640	25.742	27.850	1.00	0.00
H									
HETATM	5294	H7	PRP	323	10.890	24.083	27.243	1.00	0.00
H									
HETATM	5295	H8	PRP	323	9.792	25.211	26.396	1.00	0.00
H									
HETATM	5296	O1	PRP	324	17.619	42.585	18.452	1.00	0.00
O									
HETATM	5297	H1	PRP	324	16.971	43.292	18.502	1.00	0.00
H									
HETATM	5298	C1	PRP	324	17.156	41.791	17.354	1.00	0.00
C									
HETATM	5299	H2	PRP	324	17.663	42.043	16.422	1.00	0.00
H									
HETATM	5300	H3	PRP	324	17.313	40.745	17.618	1.00	0.00
H									
HETATM	5301	C2	PRP	324	15.678	42.023	17.270	1.00	0.00
C									
HETATM	5302	H4	PRP	324	15.255	41.520	16.401	1.00	0.00
H									
HETATM	5303	O2	PRP	324	15.448	43.456	17.266	1.00	0.00
O									
HETATM	5304	H5	PRP	324	14.497	43.578	17.230	1.00	0.00
H									
HETATM	5305	C3	PRP	324	14.911	41.482	18.454	1.00	0.00
C									
HETATM	5306	H6	PRP	324	15.452	41.745	19.363	1.00	0.00
H									
HETATM	5307	H7	PRP	324	13.858	41.738	18.572	1.00	0.00
H									
HETATM	5308	H8	PRP	324	14.991	40.405	18.310	1.00	0.00
H									
HETATM	5309	O1	PRP	325	43.049	42.452	33.278	1.00	0.00
O									
HETATM	5310	H1	PRP	325	43.150	41.604	33.716	1.00	0.00
H									
HETATM	5311	C1	PRP	325	42.054	43.238	33.865	1.00	0.00
C									
HETATM	5312	H2	PRP	325	42.136	43.272	34.952	1.00	0.00
H									
HETATM	5313	H3	PRP	325	42.148	44.258	33.491	1.00	0.00
H									
HETATM	5314	C2	PRP	325	40.620	42.893	33.401	1.00	0.00
C									
HETATM	5315	H4	PRP	325	39.998	43.775	33.551	1.00	0.00
H									
HETATM	5316	O2	PRP	325	40.294	41.792	34.199	1.00	0.00
O									
HETATM	5317	H5	PRP	325	41.032	41.178	34.219	1.00	0.00
H									
HETATM	5318	C3	PRP	325	40.448	42.517	31.938	1.00	0.00
C									
HETATM	5319	H6	PRP	325	41.047	43.172	31.306	1.00	0.00
H									

HETATM	5320	H7	PRP	325	40.991	41.609	31.678	1.00	0.00
H									
HETATM	5321	H8	PRP	325	39.385	42.579	31.702	1.00	0.00
H									
HETATM	5322	O1	PRP	326	20.459	51.438	44.815	1.00	0.00
O									
HETATM	5323	H1	PRP	326	20.276	51.459	45.757	1.00	0.00
H									
HETATM	5324	C1	PRP	326	21.845	51.694	44.654	1.00	0.00
C									
HETATM	5325	H2	PRP	326	22.484	51.221	45.400	1.00	0.00
H									
HETATM	5326	H3	PRP	326	22.325	51.350	43.737	1.00	0.00
H									
HETATM	5327	C2	PRP	326	22.116	53.164	44.867	1.00	0.00
C									
HETATM	5328	H4	PRP	326	21.348	53.557	45.534	1.00	0.00
H									
HETATM	5329	O2	PRP	326	21.927	53.856	43.621	1.00	0.00
O									
HETATM	5330	H5	PRP	326	21.073	54.292	43.656	1.00	0.00
H									
HETATM	5331	C3	PRP	326	23.518	53.540	45.418	1.00	0.00
C									
HETATM	5332	H6	PRP	326	23.592	54.627	45.399	1.00	0.00
H									
HETATM	5333	H7	PRP	326	23.464	53.251	46.467	1.00	0.00
H									
HETATM	5334	H8	PRP	326	24.329	53.007	44.922	1.00	0.00
H									
HETATM	5335	O1	PRP	327	23.751	46.487	37.467	1.00	0.00
O									
HETATM	5336	H1	PRP	327	24.644	46.341	37.146	1.00	0.00
H									
HETATM	5337	C1	PRP	327	22.943	46.539	36.295	1.00	0.00
C									
HETATM	5338	H2	PRP	327	21.906	46.397	36.598	1.00	0.00
H									
HETATM	5339	H3	PRP	327	23.014	47.544	35.879	1.00	0.00
H									
HETATM	5340	C2	PRP	327	23.361	45.475	35.245	1.00	0.00
C									
HETATM	5341	H4	PRP	327	23.749	44.570	35.711	1.00	0.00
H									
HETATM	5342	O2	PRP	327	24.440	46.038	34.532	1.00	0.00
O									
HETATM	5343	H5	PRP	327	24.035	46.709	33.976	1.00	0.00
H									
HETATM	5344	C3	PRP	327	22.193	45.110	34.341	1.00	0.00
C									
HETATM	5345	H6	PRP	327	21.894	45.890	33.640	1.00	0.00
H									
HETATM	5346	H7	PRP	327	22.467	44.238	33.747	1.00	0.00
H									
HETATM	5347	H8	PRP	327	21.377	44.957	35.048	1.00	0.00
H									

HETATM	5348	O1	PRP	328	24.852	50.913	25.324	1.00	0.00
O									
HETATM	5349	H1	PRP	328	24.203	50.833	26.026	1.00	0.00
H									
HETATM	5350	C1	PRP	328	25.982	51.559	25.921	1.00	0.00
C									
HETATM	5351	H2	PRP	328	26.678	50.772	26.209	1.00	0.00
H									
HETATM	5352	H3	PRP	328	26.464	52.233	25.213	1.00	0.00
H									
HETATM	5353	C2	PRP	328	25.653	52.424	27.187	1.00	0.00
C									
HETATM	5354	H4	PRP	328	26.546	52.799	27.687	1.00	0.00
H									
HETATM	5355	O2	PRP	328	24.953	51.699	28.090	1.00	0.00
O									
HETATM	5356	H5	PRP	328	24.679	52.195	28.865	1.00	0.00
H									
HETATM	5357	C3	PRP	328	24.792	53.649	26.720	1.00	0.00
C									
HETATM	5358	H6	PRP	328	25.283	54.152	25.887	1.00	0.00
H									
HETATM	5359	H7	PRP	328	23.832	53.351	26.298	1.00	0.00
H									
HETATM	5360	H8	PRP	328	24.677	54.441	27.460	1.00	0.00
H									
HETATM	5361	O1	PRP	329	39.253	60.864	34.075	1.00	0.00
O									
HETATM	5362	H1	PRP	329	39.451	60.315	33.313	1.00	0.00
H									
HETATM	5363	C1	PRP	329	38.551	59.973	34.938	1.00	0.00
C									
HETATM	5364	H2	PRP	329	38.638	60.374	35.947	1.00	0.00
H									
HETATM	5365	H3	PRP	329	37.489	60.134	34.753	1.00	0.00
H									
HETATM	5366	C2	PRP	329	38.961	58.471	34.856	1.00	0.00
C									
HETATM	5367	H4	PRP	329	38.290	57.895	35.493	1.00	0.00
H									
HETATM	5368	O2	PRP	329	40.248	58.390	35.406	1.00	0.00
O									
HETATM	5369	H5	PRP	329	40.496	59.309	35.531	1.00	0.00
H									
HETATM	5370	C3	PRP	329	38.958	57.931	33.437	1.00	0.00
C									
HETATM	5371	H6	PRP	329	37.944	57.990	33.042	1.00	0.00
H									
HETATM	5372	H7	PRP	329	39.566	58.549	32.775	1.00	0.00
H									
HETATM	5373	H8	PRP	329	39.312	56.900	33.405	1.00	0.00
H									
HETATM	5374	O1	PRP	330	15.116	41.963	29.763	1.00	0.00
O									
HETATM	5375	H1	PRP	330	14.733	41.982	30.643	1.00	0.00
H									

HETATM	5376	C1	PRP	330	15.906	40.731	29.707	1.00	0.00
C									
HETATM	5377	H2	PRP	330	16.309	40.693	28.695	1.00	0.00
H									
HETATM	5378	H3	PRP	330	16.678	40.887	30.460	1.00	0.00
H									
HETATM	5379	C2	PRP	330	14.957	39.543	30.054	1.00	0.00
C									
HETATM	5380	H4	PRP	330	14.025	39.692	29.509	1.00	0.00
H									
HETATM	5381	O2	PRP	330	14.744	39.346	31.434	1.00	0.00
O									
HETATM	5382	H5	PRP	330	14.325	40.122	31.814	1.00	0.00
H									
HETATM	5383	C3	PRP	330	15.681	38.330	29.531	1.00	0.00
C									
HETATM	5384	H6	PRP	330	15.941	38.529	28.492	1.00	0.00
H									
HETATM	5385	H7	PRP	330	16.623	38.146	30.048	1.00	0.00
H									
HETATM	5386	H8	PRP	330	15.184	37.367	29.654	1.00	0.00
H									
HETATM	5387	O1	PRP	331	22.790	43.842	48.693	1.00	0.00
O									
HETATM	5388	H1	PRP	331	23.058	43.993	49.602	1.00	0.00
H									
HETATM	5389	C1	PRP	331	21.397	43.676	48.738	1.00	0.00
C									
HETATM	5390	H2	PRP	331	21.148	42.638	48.958	1.00	0.00
H									
HETATM	5391	H3	PRP	331	20.945	44.337	49.478	1.00	0.00
H									
HETATM	5392	C2	PRP	331	20.792	43.979	47.340	1.00	0.00
C									
HETATM	5393	H4	PRP	331	21.131	43.275	46.580	1.00	0.00
H									
HETATM	5394	O2	PRP	331	21.099	45.316	47.131	1.00	0.00
O									
HETATM	5395	H5	PRP	331	22.025	45.485	46.946	1.00	0.00
H									
HETATM	5396	C3	PRP	331	19.275	43.888	47.397	1.00	0.00
C									
HETATM	5397	H6	PRP	331	18.819	44.829	47.705	1.00	0.00
H									
HETATM	5398	H7	PRP	331	18.880	43.804	46.384	1.00	0.00
H									
HETATM	5399	H8	PRP	331	18.956	42.956	47.863	1.00	0.00
H									
HETATM	5400	O1	PRP	332	10.973	36.506	17.023	1.00	0.00
O									
HETATM	5401	H1	PRP	332	11.273	35.763	17.552	1.00	0.00
H									
HETATM	5402	C1	PRP	332	10.763	37.558	17.978	1.00	0.00
C									
HETATM	5403	H2	PRP	332	9.958	37.236	18.639	1.00	0.00
H									

HETATM	5404	H3	PRP	332	11.671	37.821	18.521	1.00	0.00
H									
HETATM	5405	C2	PRP	332	10.308	38.772	17.116	1.00	0.00
C									
HETATM	5406	H4	PRP	332	9.318	38.617	16.688	1.00	0.00
H									
HETATM	5407	O2	PRP	332	11.326	39.005	16.158	1.00	0.00
O									
HETATM	5408	H5	PRP	332	11.763	38.150	16.152	1.00	0.00
H									
HETATM	5409	C3	PRP	332	10.093	39.944	18.034	1.00	0.00
C									
HETATM	5410	H6	PRP	332	11.066	40.102	18.499	1.00	0.00
H									
HETATM	5411	H7	PRP	332	9.868	40.849	17.470	1.00	0.00
H									
HETATM	5412	H8	PRP	332	9.335	39.708	18.782	1.00	0.00
H									
HETATM	5413	O1	PRP	333	18.426	49.151	39.344	1.00	0.00
O									
HETATM	5414	H1	PRP	333	18.445	48.599	40.130	1.00	0.00
H									
HETATM	5415	C1	PRP	333	19.041	48.396	38.369	1.00	0.00
C									
HETATM	5416	H2	PRP	333	18.608	48.762	37.438	1.00	0.00
H									
HETATM	5417	H3	PRP	333	20.108	48.618	38.372	1.00	0.00
H									
HETATM	5418	C2	PRP	333	18.752	46.906	38.532	1.00	0.00
C									
HETATM	5419	H4	PRP	333	19.422	46.333	37.891	1.00	0.00
H									
HETATM	5420	O2	PRP	333	17.397	46.433	38.407	1.00	0.00
O									
HETATM	5421	H5	PRP	333	16.701	46.855	38.917	1.00	0.00
H									
HETATM	5422	C3	PRP	333	19.299	46.489	39.940	1.00	0.00
C									
HETATM	5423	H6	PRP	333	20.231	46.991	40.203	1.00	0.00
H									
HETATM	5424	H7	PRP	333	18.641	46.524	40.808	1.00	0.00
H									
HETATM	5425	H8	PRP	333	19.618	45.448	39.999	1.00	0.00
H									
HETATM	5426	O1	PRP	334	20.650	56.715	38.585	1.00	0.00
O									
HETATM	5427	H1	PRP	334	21.184	57.274	38.017	1.00	0.00
H									
HETATM	5428	C1	PRP	334	19.843	56.017	37.717	1.00	0.00
C									
HETATM	5429	H2	PRP	334	18.863	55.836	38.159	1.00	0.00
H									
HETATM	5430	H3	PRP	334	19.746	56.638	36.826	1.00	0.00
H									
HETATM	5431	C2	PRP	334	20.348	54.575	37.263	1.00	0.00
C									

HETATM	5432	H4	PRP	334	19.528	54.084	36.740	1.00	0.00
H									
HETATM	5433	O2	PRP	334	20.866	53.987	38.401	1.00	0.00
O									
HETATM	5434	H5	PRP	334	20.911	54.690	39.053	1.00	0.00
H									
HETATM	5435	C3	PRP	334	21.444	54.643	36.257	1.00	0.00
C									
HETATM	5436	H6	PRP	334	21.862	53.683	35.955	1.00	0.00
H									
HETATM	5437	H7	PRP	334	21.043	55.066	35.335	1.00	0.00
H									
HETATM	5438	H8	PRP	334	22.149	55.369	36.662	1.00	0.00
H									
HETATM	5439	O1	PRP	335	12.856	42.867	24.864	1.00	0.00
O									
HETATM	5440	H1	PRP	335	12.475	43.581	24.349	1.00	0.00
H									
HETATM	5441	C1	PRP	335	13.648	43.457	25.799	1.00	0.00
C									
HETATM	5442	H2	PRP	335	14.434	42.809	26.186	1.00	0.00
H									
HETATM	5443	H3	PRP	335	14.133	44.349	25.403	1.00	0.00
H									
HETATM	5444	C2	PRP	335	12.770	43.898	26.913	1.00	0.00
C									
HETATM	5445	H4	PRP	335	12.173	43.005	27.094	1.00	0.00
H									
HETATM	5446	O2	PRP	335	12.006	44.966	26.436	1.00	0.00
O									
HETATM	5447	H5	PRP	335	11.349	44.994	27.135	1.00	0.00
H									
HETATM	5448	C3	PRP	335	13.515	44.224	28.220	1.00	0.00
C									
HETATM	5449	H6	PRP	335	13.559	45.305	28.352	1.00	0.00
H									
HETATM	5450	H7	PRP	335	12.871	43.944	29.054	1.00	0.00
H									
HETATM	5451	H8	PRP	335	14.478	43.714	28.243	1.00	0.00
H									
HETATM	5452	O1	PRP	336	26.541	49.416	28.308	1.00	0.00
O									
HETATM	5453	H1	PRP	336	25.731	49.898	28.490	1.00	0.00
H									
HETATM	5454	C1	PRP	336	26.192	48.221	27.644	1.00	0.00
C									
HETATM	5455	H2	PRP	336	25.537	47.582	28.235	1.00	0.00
H									
HETATM	5456	H3	PRP	336	25.517	48.525	26.844	1.00	0.00
H									
HETATM	5457	C2	PRP	336	27.445	47.421	27.031	1.00	0.00
C									
HETATM	5458	H4	PRP	336	27.065	46.700	26.308	1.00	0.00
H									
HETATM	5459	O2	PRP	336	28.122	46.718	28.055	1.00	0.00
O									

HETATM	5460	H5	PRP	336	28.171	47.359	28.768	1.00	0.00
H									
HETATM	5461	C3	PRP	336	28.410	48.330	26.164	1.00	0.00
C									
HETATM	5462	H6	PRP	336	27.935	48.824	25.316	1.00	0.00
H									
HETATM	5463	H7	PRP	336	28.880	49.076	26.806	1.00	0.00
H									
HETATM	5464	H8	PRP	336	29.209	47.661	25.846	1.00	0.00
H									
HETATM	5465	O1	PRP	337	34.373	53.852	27.861	1.00	0.00
O									
HETATM	5466	H1	PRP	337	34.544	54.253	27.006	1.00	0.00
H									
HETATM	5467	C1	PRP	337	33.200	54.541	28.142	1.00	0.00
C									
HETATM	5468	H2	PRP	337	33.015	54.544	29.216	1.00	0.00
H									
HETATM	5469	H3	PRP	337	33.285	55.494	27.619	1.00	0.00
H									
HETATM	5470	C2	PRP	337	32.015	53.727	27.530	1.00	0.00
C									
HETATM	5471	H4	PRP	337	32.366	52.719	27.748	1.00	0.00
H									
HETATM	5472	O2	PRP	337	31.839	54.070	26.196	1.00	0.00
O									
HETATM	5473	H5	PRP	337	31.922	53.211	25.776	1.00	0.00
H									
HETATM	5474	C3	PRP	337	30.772	54.038	28.396	1.00	0.00
C									
HETATM	5475	H6	PRP	337	30.387	55.037	28.193	1.00	0.00
H									
HETATM	5476	H7	PRP	337	29.982	53.368	28.056	1.00	0.00
H									
HETATM	5477	H8	PRP	337	31.022	54.009	29.456	1.00	0.00
H									
HETATM	5478	O1	PRP	338	14.915	43.784	32.304	1.00	0.00
O									
HETATM	5479	H1	PRP	338	15.648	44.292	32.660	1.00	0.00
H									
HETATM	5480	C1	PRP	338	13.904	43.751	33.353	1.00	0.00
C									
HETATM	5481	H2	PRP	338	13.372	42.810	33.494	1.00	0.00
H									
HETATM	5482	H3	PRP	338	14.326	43.926	34.343	1.00	0.00
H									
HETATM	5483	C2	PRP	338	12.880	44.782	32.979	1.00	0.00
C									
HETATM	5484	H4	PRP	338	12.548	44.446	31.997	1.00	0.00
H									
HETATM	5485	O2	PRP	338	13.533	45.999	32.824	1.00	0.00
O									
HETATM	5486	H5	PRP	338	14.463	45.911	33.046	1.00	0.00
H									
HETATM	5487	C3	PRP	338	11.710	44.937	33.947	1.00	0.00
C									

HETATM	5488	H6	PRP	338	11.118	45.744	33.515	1.00	0.00
H									
HETATM	5489	H7	PRP	338	11.008	44.106	34.009	1.00	0.00
H									
HETATM	5490	H8	PRP	338	12.064	45.436	34.849	1.00	0.00
H									
HETATM	5491	O1	PRP	339	39.300	58.316	26.838	1.00	0.00
O									
HETATM	5492	H1	PRP	339	38.633	57.625	26.830	1.00	0.00
H									
HETATM	5493	C1	PRP	339	38.726	59.180	25.860	1.00	0.00
C									
HETATM	5494	H2	PRP	339	37.823	58.750	25.428	1.00	0.00
H									
HETATM	5495	H3	PRP	339	38.412	60.092	26.367	1.00	0.00
H									
HETATM	5496	C2	PRP	339	39.727	59.566	24.734	1.00	0.00
C									
HETATM	5497	H4	PRP	339	39.888	58.666	24.140	1.00	0.00
H									
HETATM	5498	O2	PRP	339	40.902	60.077	25.327	1.00	0.00
O									
HETATM	5499	H5	PRP	339	41.674	60.072	24.757	1.00	0.00
H									
HETATM	5500	C3	PRP	339	39.138	60.696	23.884	1.00	0.00
C									
HETATM	5501	H6	PRP	339	39.791	61.075	23.097	1.00	0.00
H									
HETATM	5502	H7	PRP	339	38.239	60.329	23.389	1.00	0.00
H									
HETATM	5503	H8	PRP	339	38.966	61.592	24.479	1.00	0.00
H									
HETATM	5504	O1	PRP	340	31.548	45.440	32.858	1.00	0.00
O									
HETATM	5505	H1	PRP	340	32.333	44.927	32.654	1.00	0.00
H									
HETATM	5506	C1	PRP	340	31.640	45.785	34.284	1.00	0.00
C									
HETATM	5507	H2	PRP	340	30.673	45.671	34.772	1.00	0.00
H									
HETATM	5508	H3	PRP	340	32.381	45.100	34.697	1.00	0.00
H									
HETATM	5509	C2	PRP	340	32.062	47.230	34.549	1.00	0.00
C									
HETATM	5510	H4	PRP	340	32.149	47.537	35.591	1.00	0.00
H									
HETATM	5511	O2	PRP	340	30.995	47.953	34.006	1.00	0.00
O									
HETATM	5512	H5	PRP	340	30.957	47.603	33.113	1.00	0.00
H									
HETATM	5513	C3	PRP	340	33.379	47.538	33.842	1.00	0.00
C									
HETATM	5514	H6	PRP	340	34.129	46.810	34.151	1.00	0.00
H									
HETATM	5515	H7	PRP	340	33.208	47.444	32.770	1.00	0.00
H									

HETATM	5516	H8	PRP	340	33.749	48.540	34.057	1.00	0.00
H									
HETATM	5517	O1	PRP	341	10.144	41.281	48.985	1.00	0.00
O									
HETATM	5518	H1	PRP	341	10.903	41.140	48.413	1.00	0.00
H									
HETATM	5519	C1	PRP	341	9.844	42.627	48.667	1.00	0.00
C									
HETATM	5520	H2	PRP	341	8.787	42.866	48.547	1.00	0.00
H									
HETATM	5521	H3	PRP	341	10.228	43.186	49.521	1.00	0.00
H									
HETATM	5522	C2	PRP	341	10.550	43.047	47.384	1.00	0.00
C									
HETATM	5523	H4	PRP	341	10.289	42.412	46.538	1.00	0.00
H									
HETATM	5524	O2	PRP	341	11.940	42.899	47.647	1.00	0.00
O									
HETATM	5525	H5	PRP	341	12.447	42.839	46.834	1.00	0.00
H									
HETATM	5526	C3	PRP	341	10.187	44.519	47.152	1.00	0.00
C									
HETATM	5527	H6	PRP	341	9.104	44.574	47.046	1.00	0.00
H									
HETATM	5528	H7	PRP	341	10.503	45.139	47.991	1.00	0.00
H									
HETATM	5529	H8	PRP	341	10.660	44.978	46.284	1.00	0.00
H									
HETATM	5530	O1	PRP	342	30.375	57.942	23.972	1.00	0.00
O									
HETATM	5531	H1	PRP	342	30.099	58.260	23.109	1.00	0.00
H									
HETATM	5532	C1	PRP	342	30.565	56.535	23.823	1.00	0.00
C									
HETATM	5533	H2	PRP	342	31.195	56.350	22.953	1.00	0.00
H									
HETATM	5534	H3	PRP	342	31.197	56.355	24.693	1.00	0.00
H									
HETATM	5535	C2	PRP	342	29.330	55.577	23.827	1.00	0.00
C									
HETATM	5536	H4	PRP	342	29.689	54.590	23.536	1.00	0.00
H									
HETATM	5537	O2	PRP	342	28.246	55.869	22.984	1.00	0.00
O									
HETATM	5538	H5	PRP	342	27.385	55.754	23.391	1.00	0.00
H									
HETATM	5539	C3	PRP	342	28.768	55.619	25.230	1.00	0.00
C									
HETATM	5540	H6	PRP	342	27.977	54.881	25.368	1.00	0.00
H									
HETATM	5541	H7	PRP	342	29.610	55.360	25.872	1.00	0.00
H									
HETATM	5542	H8	PRP	342	28.450	56.599	25.585	1.00	0.00
H									
HETATM	5543	O1	PRP	343	17.170	39.926	26.170	1.00	0.00
O									

HETATM	5544	H1	PRP	343	17.458	39.653	25.296	1.00	0.00
H									
HETATM	5545	C1	PRP	343	17.753	41.166	26.424	1.00	0.00
C									
HETATM	5546	H2	PRP	343	17.047	41.805	26.954	1.00	0.00
H									
HETATM	5547	H3	PRP	343	18.663	40.907	26.965	1.00	0.00
H									
HETATM	5548	C2	PRP	343	18.018	41.835	25.059	1.00	0.00
C									
HETATM	5549	H4	PRP	343	17.094	42.145	24.570	1.00	0.00
H									
HETATM	5550	O2	PRP	343	18.936	40.996	24.353	1.00	0.00
O									
HETATM	5551	H5	PRP	343	19.479	41.485	23.730	1.00	0.00
H									
HETATM	5552	C3	PRP	343	18.828	43.092	25.509	1.00	0.00
C									
HETATM	5553	H6	PRP	343	19.671	42.782	26.126	1.00	0.00
H									
HETATM	5554	H7	PRP	343	19.120	43.753	24.693	1.00	0.00
H									
HETATM	5555	H8	PRP	343	18.135	43.571	26.201	1.00	0.00
H									
HETATM	5556	O1	PRP	344	3.212	8.608	40.584	1.00	0.00
O									
HETATM	5557	H1	PRP	344	2.946	7.898	39.995	1.00	0.00
H									
HETATM	5558	C1	PRP	344	4.427	8.197	41.188	1.00	0.00
C									
HETATM	5559	H2	PRP	344	4.743	8.729	42.084	1.00	0.00
H									
HETATM	5560	H3	PRP	344	4.243	7.166	41.492	1.00	0.00
H									
HETATM	5561	C2	PRP	344	5.670	8.111	40.238	1.00	0.00
C									
HETATM	5562	H4	PRP	344	5.695	9.080	39.740	1.00	0.00
H									
HETATM	5563	O2	PRP	344	5.521	7.027	39.374	1.00	0.00
O									
HETATM	5564	H5	PRP	344	4.605	6.991	39.089	1.00	0.00
H									
HETATM	5565	C3	PRP	344	6.879	7.964	41.150	1.00	0.00
C									
HETATM	5566	H6	PRP	344	7.705	7.766	40.467	1.00	0.00
H									
HETATM	5567	H7	PRP	344	7.106	8.894	41.672	1.00	0.00
H									
HETATM	5568	H8	PRP	344	6.717	7.146	41.852	1.00	0.00
H									
HETATM	5569	O1	PRP	345	12.755	13.260	34.347	1.00	0.00
O									
HETATM	5570	H1	PRP	345	12.487	14.131	34.043	1.00	0.00
H									
HETATM	5571	C1	PRP	345	12.449	13.093	35.694	1.00	0.00
C									

HETATM	5572	H2	PRP	345	11.394	13.312	35.858	1.00	0.00
H									
HETATM	5573	H3	PRP	345	12.548	12.039	35.953	1.00	0.00
H									
HETATM	5574	C2	PRP	345	13.284	13.955	36.574	1.00	0.00
C									
HETATM	5575	H4	PRP	345	13.220	13.597	37.602	1.00	0.00
H									
HETATM	5576	O2	PRP	345	12.773	15.270	36.427	1.00	0.00
O									
HETATM	5577	H5	PRP	345	12.991	15.732	37.239	1.00	0.00
H									
HETATM	5578	C3	PRP	345	14.773	13.724	36.264	1.00	0.00
C									
HETATM	5579	H6	PRP	345	15.567	14.065	36.929	1.00	0.00
H									
HETATM	5580	H7	PRP	345	14.866	12.638	36.307	1.00	0.00
H									
HETATM	5581	H8	PRP	345	15.044	14.155	35.300	1.00	0.00
H									
HETATM	5582	O1	PRP	346	5.476	23.709	41.085	1.00	0.00
O									
HETATM	5583	H1	PRP	346	6.125	24.393	40.903	1.00	0.00
H									
HETATM	5584	C1	PRP	346	4.266	24.134	40.571	1.00	0.00
C									
HETATM	5585	H2	PRP	346	4.388	25.203	40.400	1.00	0.00
H									
HETATM	5586	H3	PRP	346	4.087	23.704	39.586	1.00	0.00
H									
HETATM	5587	C2	PRP	346	3.174	23.862	41.550	1.00	0.00
C									
HETATM	5588	H4	PRP	346	3.543	24.411	42.416	1.00	0.00
H									
HETATM	5589	O2	PRP	346	3.069	22.449	41.668	1.00	0.00
O									
HETATM	5590	H5	PRP	346	3.952	22.088	41.780	1.00	0.00
H									
HETATM	5591	C3	PRP	346	1.878	24.501	41.092	1.00	0.00
C									
HETATM	5592	H6	PRP	346	2.088	25.519	40.765	1.00	0.00
H									
HETATM	5593	H7	PRP	346	1.514	23.907	40.254	1.00	0.00
H									
HETATM	5594	H8	PRP	346	1.124	24.479	41.879	1.00	0.00
H									
HETATM	5595	O1	PRP	347	10.023	9.618	42.805	1.00	0.00
O									
HETATM	5596	H1	PRP	347	10.375	10.425	42.421	1.00	0.00
H									
HETATM	5597	C1	PRP	347	10.208	8.606	41.872	1.00	0.00
C									
HETATM	5598	H2	PRP	347	9.538	7.778	42.103	1.00	0.00
H									
HETATM	5599	H3	PRP	347	9.910	9.076	40.935	1.00	0.00
H									

HETATM	5600	C2	PRP	347	11.689	8.050	41.842	1.00	0.00
C									
HETATM	5601	H4	PRP	347	11.925	7.576	42.795	1.00	0.00
H									
HETATM	5602	O2	PRP	347	12.696	9.030	41.470	1.00	0.00
O									
HETATM	5603	H5	PRP	347	13.554	8.813	41.843	1.00	0.00
H									
HETATM	5604	C3	PRP	347	11.656	7.063	40.640	1.00	0.00
C									
HETATM	5605	H6	PRP	347	11.361	7.548	39.709	1.00	0.00
H									
HETATM	5606	H7	PRP	347	12.673	6.688	40.527	1.00	0.00
H									
HETATM	5607	H8	PRP	347	10.979	6.215	40.742	1.00	0.00
H									
HETATM	5608	O1	PRP	348	10.991	1.490	45.551	1.00	0.00
O									
HETATM	5609	H1	PRP	348	11.046	1.798	46.459	1.00	0.00
H									
HETATM	5610	C1	PRP	348	10.591	0.084	45.313	1.00	0.00
C									
HETATM	5611	H2	PRP	348	9.505	0.183	45.325	1.00	0.00
H									
HETATM	5612	H3	PRP	348	11.011	-0.215	44.354	1.00	0.00
H									
HETATM	5613	C2	PRP	348	11.125	-0.807	46.425	1.00	0.00
C									
HETATM	5614	H4	PRP	348	10.565	-0.636	47.344	1.00	0.00
H									
HETATM	5615	O2	PRP	348	12.474	-0.567	46.622	1.00	0.00
O									
HETATM	5616	H5	PRP	348	12.662	-1.268	47.251	1.00	0.00
H									
HETATM	5617	C3	PRP	348	11.122	-2.209	45.956	1.00	0.00
C									
HETATM	5618	H6	PRP	348	11.827	-2.312	45.130	1.00	0.00
H									
HETATM	5619	H7	PRP	348	11.353	-2.884	46.780	1.00	0.00
H									
HETATM	5620	H8	PRP	348	10.085	-2.396	45.680	1.00	0.00
H									
HETATM	5621	O1	PRP	349	14.062	13.449	45.494	1.00	0.00
O									
HETATM	5622	H1	PRP	349	14.544	13.870	44.778	1.00	0.00
H									
HETATM	5623	C1	PRP	349	12.754	13.012	44.986	1.00	0.00
C									
HETATM	5624	H2	PRP	349	12.822	12.721	43.938	1.00	0.00
H									
HETATM	5625	H3	PRP	349	12.674	12.141	45.637	1.00	0.00
H									
HETATM	5626	C2	PRP	349	11.679	14.036	45.077	1.00	0.00
C									
HETATM	5627	H4	PRP	349	11.822	14.856	44.373	1.00	0.00
H									

HETATM	5628	O2	PRP	349	11.596	14.501	46.403	1.00	0.00
O									
HETATM	5629	H5	PRP	349	11.440	13.743	46.972	1.00	0.00
H									
HETATM	5630	C3	PRP	349	10.391	13.283	44.767	1.00	0.00
C									
HETATM	5631	H6	PRP	349	10.199	12.376	45.341	1.00	0.00
H									
HETATM	5632	H7	PRP	349	9.610	14.035	44.877	1.00	0.00
H									
HETATM	5633	H8	PRP	349	10.412	12.855	43.764	1.00	0.00
H									
HETATM	5634	O1	PRP	350	9.942	4.914	42.721	1.00	0.00
O									
HETATM	5635	H1	PRP	350	9.578	5.518	43.372	1.00	0.00
H									
HETATM	5636	C1	PRP	350	11.000	4.094	43.104	1.00	0.00
C									
HETATM	5637	H2	PRP	350	11.837	4.748	43.347	1.00	0.00
H									
HETATM	5638	H3	PRP	350	10.625	3.524	43.954	1.00	0.00
H									
HETATM	5639	C2	PRP	350	11.385	3.087	42.080	1.00	0.00
C									
HETATM	5640	H4	PRP	350	12.243	2.521	42.445	1.00	0.00
H									
HETATM	5641	O2	PRP	350	11.762	3.783	40.976	1.00	0.00
O									
HETATM	5642	H5	PRP	350	11.169	4.527	40.849	1.00	0.00
H									
HETATM	5643	C3	PRP	350	10.218	2.086	41.878	1.00	0.00
C									
HETATM	5644	H6	PRP	350	9.807	1.674	42.800	1.00	0.00
H									
HETATM	5645	H7	PRP	350	9.423	2.616	41.354	1.00	0.00
H									
HETATM	5646	H8	PRP	350	10.563	1.292	41.216	1.00	0.00
H									
HETATM	5647	O1	PRP	351	13.265	22.127	35.610	1.00	0.00
O									
HETATM	5648	H1	PRP	351	14.060	21.589	35.632	1.00	0.00
H									
HETATM	5649	C1	PRP	351	13.689	23.417	35.382	1.00	0.00
C									
HETATM	5650	H2	PRP	351	12.957	23.871	34.713	1.00	0.00
H									
HETATM	5651	H3	PRP	351	13.787	23.933	36.338	1.00	0.00
H									
HETATM	5652	C2	PRP	351	15.035	23.327	34.662	1.00	0.00
C									
HETATM	5653	H4	PRP	351	14.911	23.008	33.627	1.00	0.00
H									
HETATM	5654	O2	PRP	351	15.903	22.520	35.427	1.00	0.00
O									
HETATM	5655	H5	PRP	351	16.697	22.532	34.889	1.00	0.00
H									

HETATM	5656	C3	PRP	351	15.725	24.683	34.568	1.00	0.00
C									
HETATM	5657	H6	PRP	351	15.897	25.142	35.542	1.00	0.00
H									
HETATM	5658	H7	PRP	351	16.700	24.533	34.105	1.00	0.00
H									
HETATM	5659	H8	PRP	351	15.295	25.433	33.904	1.00	0.00
H									
HETATM	5660	O1	PRP	352	22.445	9.866	49.531	1.00	0.00
O									
HETATM	5661	H1	PRP	352	21.895	10.583	49.205	1.00	0.00
H									
HETATM	5662	C1	PRP	352	22.570	9.028	48.442	1.00	0.00
C									
HETATM	5663	H2	PRP	352	23.523	9.238	47.956	1.00	0.00
H									
HETATM	5664	H3	PRP	352	22.483	8.000	48.793	1.00	0.00
H									
HETATM	5665	C2	PRP	352	21.520	9.274	47.381	1.00	0.00
C									
HETATM	5666	H4	PRP	352	21.634	8.523	46.600	1.00	0.00
H									
HETATM	5667	O2	PRP	352	21.795	10.495	46.739	1.00	0.00
O									
HETATM	5668	H5	PRP	352	21.332	11.208	47.186	1.00	0.00
H									
HETATM	5669	C3	PRP	352	20.122	9.298	47.840	1.00	0.00
C									
HETATM	5670	H6	PRP	352	19.967	10.013	48.648	1.00	0.00
H									
HETATM	5671	H7	PRP	352	19.507	9.672	47.022	1.00	0.00
H									
HETATM	5672	H8	PRP	352	19.898	8.287	48.182	1.00	0.00
H									
HETATM	5673	O1	PRP	353	23.243	14.100	43.157	1.00	0.00
O									
HETATM	5674	H1	PRP	353	23.677	14.558	43.880	1.00	0.00
H									
HETATM	5675	C1	PRP	353	23.555	12.718	43.250	1.00	0.00
C									
HETATM	5676	H2	PRP	353	23.017	12.331	44.115	1.00	0.00
H									
HETATM	5677	H3	PRP	353	23.080	12.210	42.411	1.00	0.00
H									
HETATM	5678	C2	PRP	353	25.055	12.373	43.520	1.00	0.00
C									
HETATM	5679	H4	PRP	353	25.139	11.291	43.417	1.00	0.00
H									
HETATM	5680	O2	PRP	353	25.344	12.802	44.860	1.00	0.00
O									
HETATM	5681	H5	PRP	353	25.020	12.150	45.486	1.00	0.00
H									
HETATM	5682	C3	PRP	353	25.891	13.090	42.507	1.00	0.00
C									
HETATM	5683	H6	PRP	353	25.648	12.547	41.594	1.00	0.00
H									

HETATM	5684	H7	PRP	353	25.860	14.169	42.654	1.00	0.00
H									
HETATM	5685	H8	PRP	353	26.910	12.718	42.617	1.00	0.00
H									
HETATM	5686	O1	PRP	354	14.397	4.785	42.101	1.00	0.00
O									
HETATM	5687	H1	PRP	354	13.688	4.749	41.453	1.00	0.00
H									
HETATM	5688	C1	PRP	354	15.641	4.856	41.452	1.00	0.00
C									
HETATM	5689	H2	PRP	354	16.380	5.297	42.122	1.00	0.00
H									
HETATM	5690	H3	PRP	354	15.901	3.804	41.336	1.00	0.00
H									
HETATM	5691	C2	PRP	354	15.659	5.550	40.079	1.00	0.00
C									
HETATM	5692	H4	PRP	354	16.632	5.284	39.666	1.00	0.00
H									
HETATM	5693	O2	PRP	354	15.547	6.977	40.100	1.00	0.00
O									
HETATM	5694	H5	PRP	354	15.586	7.358	39.220	1.00	0.00
H									
HETATM	5695	C3	PRP	354	14.594	4.967	39.116	1.00	0.00
C									
HETATM	5696	H6	PRP	354	14.429	5.606	38.249	1.00	0.00
H									
HETATM	5697	H7	PRP	354	14.929	3.981	38.795	1.00	0.00
H									
HETATM	5698	H8	PRP	354	13.699	4.787	39.712	1.00	0.00
H									
HETATM	5699	O1	PRP	355	25.310	-3.040	34.047	1.00	0.00
O									
HETATM	5700	H1	PRP	355	24.488	-2.864	34.511	1.00	0.00
H									
HETATM	5701	C1	PRP	355	25.249	-2.508	32.751	1.00	0.00
C									
HETATM	5702	H2	PRP	355	24.321	-1.947	32.643	1.00	0.00
H									
HETATM	5703	H3	PRP	355	26.159	-1.908	32.726	1.00	0.00
H									
HETATM	5704	C2	PRP	355	25.329	-3.559	31.634	1.00	0.00
C									
HETATM	5705	H4	PRP	355	24.384	-4.057	31.418	1.00	0.00
H									
HETATM	5706	O2	PRP	355	26.197	-4.549	32.137	1.00	0.00
O									
HETATM	5707	H5	PRP	355	26.220	-4.312	33.067	1.00	0.00
H									
HETATM	5708	C3	PRP	355	25.859	-3.120	30.299	1.00	0.00
C									
HETATM	5709	H6	PRP	355	26.004	-3.927	29.580	1.00	0.00
H									
HETATM	5710	H7	PRP	355	25.113	-2.523	29.775	1.00	0.00
H									
HETATM	5711	H8	PRP	355	26.792	-2.567	30.403	1.00	0.00
H									

HETATM	5712	O1	PRP	356	23.098	4.986	41.895	1.00	0.00
O									
HETATM	5713	H1	PRP	356	23.556	5.576	42.499	1.00	0.00
H									
HETATM	5714	C1	PRP	356	23.959	3.873	41.547	1.00	0.00
C									
HETATM	5715	H2	PRP	356	23.378	3.172	40.947	1.00	0.00
H									
HETATM	5716	H3	PRP	356	24.786	4.197	40.915	1.00	0.00
H									
HETATM	5717	C2	PRP	356	24.582	3.119	42.748	1.00	0.00
C									
HETATM	5718	H4	PRP	356	23.758	2.712	43.335	1.00	0.00
H									
HETATM	5719	O2	PRP	356	25.319	4.027	43.575	1.00	0.00
O									
HETATM	5720	H5	PRP	356	25.870	4.531	42.972	1.00	0.00
H									
HETATM	5721	C3	PRP	356	25.389	1.904	42.392	1.00	0.00
C									
HETATM	5722	H6	PRP	356	24.801	1.171	41.840	1.00	0.00
H									
HETATM	5723	H7	PRP	356	26.185	2.264	41.741	1.00	0.00
H									
HETATM	5724	H8	PRP	356	25.883	1.436	43.244	1.00	0.00
H									
HETATM	5725	O1	PRP	357	14.186	13.001	48.287	1.00	0.00
O									
HETATM	5726	H1	PRP	357	14.135	13.341	47.391	1.00	0.00
H									
HETATM	5727	C1	PRP	357	15.265	12.115	48.407	1.00	0.00
C									
HETATM	5728	H2	PRP	357	15.238	11.371	47.610	1.00	0.00
H									
HETATM	5729	H3	PRP	357	16.248	12.582	48.351	1.00	0.00
H									
HETATM	5730	C2	PRP	357	15.243	11.286	49.661	1.00	0.00
C									
HETATM	5731	H4	PRP	357	14.183	11.112	49.844	1.00	0.00
H									
HETATM	5732	O2	PRP	357	15.757	12.029	50.816	1.00	0.00
O									
HETATM	5733	H5	PRP	357	15.668	12.980	50.718	1.00	0.00
H									
HETATM	5734	C3	PRP	357	15.996	9.979	49.408	1.00	0.00
C									
HETATM	5735	H6	PRP	357	17.071	10.140	49.316	1.00	0.00
H									
HETATM	5736	H7	PRP	357	15.931	9.442	50.354	1.00	0.00
H									
HETATM	5737	H8	PRP	357	15.538	9.471	48.560	1.00	0.00
H									
HETATM	5738	O1	PRP	358	23.625	-11.393	34.643	1.00	0.00
O									
HETATM	5739	H1	PRP	358	23.202	-12.113	35.117	1.00	0.00
H									

HETATM	5740	C1	PRP	358	23.066	-11.340	33.356	1.00	0.00
C									
HETATM	5741	H2	PRP	358	22.015	-11.563	33.535	1.00	0.00
H									
HETATM	5742	H3	PRP	358	23.171	-10.397	32.819	1.00	0.00
H									
HETATM	5743	C2	PRP	358	23.653	-12.483	32.446	1.00	0.00
C									
HETATM	5744	H4	PRP	358	23.782	-13.427	32.976	1.00	0.00
H									
HETATM	5745	O2	PRP	358	24.875	-12.049	31.847	1.00	0.00
O									
HETATM	5746	H5	PRP	358	25.648	-12.267	32.372	1.00	0.00
H									
HETATM	5747	C3	PRP	358	22.709	-12.762	31.204	1.00	0.00
C									
HETATM	5748	H6	PRP	358	23.281	-13.428	30.558	1.00	0.00
H									
HETATM	5749	H7	PRP	358	21.840	-13.273	31.621	1.00	0.00
H									
HETATM	5750	H8	PRP	358	22.425	-11.868	30.649	1.00	0.00
H									
HETATM	5751	O1	PRP	359	22.490	0.605	43.913	1.00	0.00
O									
HETATM	5752	H1	PRP	359	22.695	0.050	43.157	1.00	0.00
H									
HETATM	5753	C1	PRP	359	22.152	-0.239	44.998	1.00	0.00
C									
HETATM	5754	H2	PRP	359	22.381	0.226	45.957	1.00	0.00
H									
HETATM	5755	H3	PRP	359	21.068	-0.355	44.976	1.00	0.00
H									
HETATM	5756	C2	PRP	359	22.594	-1.640	44.806	1.00	0.00
C									
HETATM	5757	H4	PRP	359	22.139	-2.149	45.655	1.00	0.00
H									
HETATM	5758	O2	PRP	359	24.047	-1.651	44.955	1.00	0.00
O									
HETATM	5759	H5	PRP	359	24.271	-2.556	45.183	1.00	0.00
H									
HETATM	5760	C3	PRP	359	22.189	-2.231	43.464	1.00	0.00
C									
HETATM	5761	H6	PRP	359	21.123	-2.096	43.278	1.00	0.00
H									
HETATM	5762	H7	PRP	359	22.773	-1.829	42.637	1.00	0.00
H									
HETATM	5763	H8	PRP	359	22.184	-3.321	43.474	1.00	0.00
H									
HETATM	5764	O1	PRP	360	15.117	-5.199	40.862	1.00	0.00
O									
HETATM	5765	H1	PRP	360	14.231	-4.880	40.676	1.00	0.00
H									
HETATM	5766	C1	PRP	360	15.975	-4.047	40.672	1.00	0.00
C									
HETATM	5767	H2	PRP	360	16.942	-4.373	40.290	1.00	0.00
H									

HETATM	5768	H3	PRP	360	15.623	-3.373	39.891	1.00	0.00
H									
HETATM	5769	C2	PRP	360	16.238	-3.448	42.075	1.00	0.00
C									
HETATM	5770	H4	PRP	360	16.636	-4.293	42.636	1.00	0.00
H									
HETATM	5771	O2	PRP	360	15.067	-2.950	42.719	1.00	0.00
O									
HETATM	5772	H5	PRP	360	15.376	-2.474	43.494	1.00	0.00
H									
HETATM	5773	C3	PRP	360	17.442	-2.530	42.033	1.00	0.00
C									
HETATM	5774	H6	PRP	360	18.348	-2.980	41.627	1.00	0.00
H									
HETATM	5775	H7	PRP	360	17.200	-1.740	41.322	1.00	0.00
H									
HETATM	5776	H8	PRP	360	17.670	-2.158	43.032	1.00	0.00
H									
HETATM	5777	O1	PRP	361	31.105	-8.692	16.759	1.00	0.00
O									
HETATM	5778	H1	PRP	361	31.152	-9.004	15.852	1.00	0.00
H									
HETATM	5779	C1	PRP	361	30.685	-7.327	16.902	1.00	0.00
C									
HETATM	5780	H2	PRP	361	31.506	-6.633	16.724	1.00	0.00
H									
HETATM	5781	H3	PRP	361	30.037	-7.083	16.060	1.00	0.00
H									
HETATM	5782	C2	PRP	361	30.028	-7.051	18.224	1.00	0.00
C									
HETATM	5783	H4	PRP	361	30.575	-7.692	18.915	1.00	0.00
H									
HETATM	5784	O2	PRP	361	28.685	-7.454	18.182	1.00	0.00
O									
HETATM	5785	H5	PRP	361	28.519	-7.879	17.337	1.00	0.00
H									
HETATM	5786	C3	PRP	361	30.028	-5.614	18.690	1.00	0.00
C									
HETATM	5787	H6	PRP	361	29.617	-5.611	19.700	1.00	0.00
H									
HETATM	5788	H7	PRP	361	31.014	-5.178	18.854	1.00	0.00
H									
HETATM	5789	H8	PRP	361	29.381	-4.871	18.223	1.00	0.00
H									
HETATM	5790	O1	PRP	362	29.887	5.603	35.753	1.00	0.00
O									
HETATM	5791	H1	PRP	362	29.711	4.797	36.245	1.00	0.00
H									
HETATM	5792	C1	PRP	362	28.848	6.528	36.172	1.00	0.00
C									
HETATM	5793	H2	PRP	362	28.768	6.453	37.256	1.00	0.00
H									
HETATM	5794	H3	PRP	362	28.968	7.566	35.860	1.00	0.00
H									
HETATM	5795	C2	PRP	362	27.439	6.173	35.633	1.00	0.00
C									

HETATM	5796	H4	PRP	362	26.697	6.913	35.930	1.00	0.00
H									
HETATM	5797	O2	PRP	362	26.959	4.912	36.175	1.00	0.00
O									
HETATM	5798	H5	PRP	362	25.999	4.930	36.154	1.00	0.00
H									
HETATM	5799	C3	PRP	362	27.429	6.114	34.109	1.00	0.00
C									
HETATM	5800	H6	PRP	362	26.498	5.684	33.741	1.00	0.00
H									
HETATM	5801	H7	PRP	362	27.561	7.120	33.711	1.00	0.00
H									
HETATM	5802	H8	PRP	362	28.259	5.551	33.682	1.00	0.00
H									
HETATM	5803	O1	PRP	363	3.037	-14.583	42.578	1.00	0.00
O									
HETATM	5804	H1	PRP	363	2.430	-15.269	42.864	1.00	0.00
H									
HETATM	5805	C1	PRP	363	3.739	-14.143	43.727	1.00	0.00
C									
HETATM	5806	H2	PRP	363	2.933	-13.986	44.444	1.00	0.00
H									
HETATM	5807	H3	PRP	363	4.631	-14.705	44.005	1.00	0.00
H									
HETATM	5808	C2	PRP	363	4.195	-12.635	43.401	1.00	0.00
C									
HETATM	5809	H4	PRP	363	3.480	-12.271	42.664	1.00	0.00
H									
HETATM	5810	O2	PRP	363	5.522	-12.631	42.941	1.00	0.00
O									
HETATM	5811	H5	PRP	363	5.642	-13.138	42.135	1.00	0.00
H									
HETATM	5812	C3	PRP	363	4.253	-11.721	44.618	1.00	0.00
C									
HETATM	5813	H6	PRP	363	3.400	-12.004	45.235	1.00	0.00
H									
HETATM	5814	H7	PRP	363	5.111	-11.977	45.239	1.00	0.00
H									
HETATM	5815	H8	PRP	363	4.196	-10.658	44.383	1.00	0.00
H									
HETATM	5816	O1	PRP	364	8.641	17.143	42.834	1.00	0.00
O									
HETATM	5817	H1	PRP	364	8.287	17.562	43.622	1.00	0.00
H									
HETATM	5818	C1	PRP	364	10.033	16.787	43.107	1.00	0.00
C									
HETATM	5819	H2	PRP	364	10.418	17.391	43.929	1.00	0.00
H									
HETATM	5820	H3	PRP	364	10.173	15.717	43.265	1.00	0.00
H									
HETATM	5821	C2	PRP	364	10.810	17.218	41.864	1.00	0.00
C									
HETATM	5822	H4	PRP	364	10.310	18.054	41.375	1.00	0.00
H									
HETATM	5823	O2	PRP	364	11.008	16.227	40.899	1.00	0.00
O									

HETATM	5824	H5	PRP	364	10.202	16.108	40.391	1.00	0.00
H									
HETATM	5825	C3	PRP	364	12.168	17.732	42.380	1.00	0.00
C									
HETATM	5826	H6	PRP	364	12.720	16.943	42.892	1.00	0.00
H									
HETATM	5827	H7	PRP	364	12.754	18.152	41.563	1.00	0.00
H									
HETATM	5828	H8	PRP	364	11.992	18.638	42.960	1.00	0.00
H									
HETATM	5829	O1	PRP	365	-0.718	13.810	39.670	1.00	0.00
O									
HETATM	5830	H1	PRP	365	-1.014	13.870	40.582	1.00	0.00
H									
HETATM	5831	C1	PRP	365	-0.263	15.104	39.433	1.00	0.00
C									
HETATM	5832	H2	PRP	365	0.090	15.235	38.411	1.00	0.00
H									
HETATM	5833	H3	PRP	365	-0.977	15.900	39.644	1.00	0.00
H									
HETATM	5834	C2	PRP	365	0.972	15.390	40.316	1.00	0.00
C									
HETATM	5835	H4	PRP	365	1.703	14.637	40.022	1.00	0.00
H									
HETATM	5836	O2	PRP	365	0.492	15.362	41.698	1.00	0.00
O									
HETATM	5837	H5	PRP	365	1.271	15.377	42.259	1.00	0.00
H									
HETATM	5838	C3	PRP	365	1.518	16.779	40.118	1.00	0.00
C									
HETATM	5839	H6	PRP	365	0.736	17.537	40.164	1.00	0.00
H									
HETATM	5840	H7	PRP	365	2.300	16.880	40.871	1.00	0.00
H									
HETATM	5841	H8	PRP	365	1.990	16.675	39.141	1.00	0.00
H									
HETATM	5842	O1	PRP	366	-0.392	32.980	46.876	1.00	0.00
O									
HETATM	5843	H1	PRP	366	-0.623	33.476	47.664	1.00	0.00
H									
HETATM	5844	C1	PRP	366	0.953	33.409	46.481	1.00	0.00
C									
HETATM	5845	H2	PRP	366	0.946	34.476	46.261	1.00	0.00
H									
HETATM	5846	H3	PRP	366	1.449	33.300	47.446	1.00	0.00
H									
HETATM	5847	C2	PRP	366	1.680	32.647	45.361	1.00	0.00
C									
HETATM	5848	H4	PRP	366	1.075	32.867	44.481	1.00	0.00
H									
HETATM	5849	O2	PRP	366	1.769	31.207	45.575	1.00	0.00
O									
HETATM	5850	H5	PRP	366	0.919	30.797	45.397	1.00	0.00
H									
HETATM	5851	C3	PRP	366	3.020	33.094	45.189	1.00	0.00
C									

HETATM	5852	H6	PRP	366	3.530	32.803	46.107	1.00	0.00
H									
HETATM	5853	H7	PRP	366	3.334	32.493	44.335	1.00	0.00
H									
HETATM	5854	H8	PRP	366	3.056	34.163	44.978	1.00	0.00
H									
HETATM	5855	O1	PRP	367	16.298	1.081	40.435	1.00	0.00
O									
HETATM	5856	H1	PRP	367	15.532	1.203	41.001	1.00	0.00
H									
HETATM	5857	C1	PRP	367	15.897	0.835	39.125	1.00	0.00
C									
HETATM	5858	H2	PRP	367	16.197	1.694	38.526	1.00	0.00
H									
HETATM	5859	H3	PRP	367	16.355	-0.047	38.676	1.00	0.00
H									
HETATM	5860	C2	PRP	367	14.366	0.600	38.857	1.00	0.00
C									
HETATM	5861	H4	PRP	367	14.206	0.360	37.806	1.00	0.00
H									
HETATM	5862	O2	PRP	367	13.580	1.722	39.207	1.00	0.00
O									
HETATM	5863	H5	PRP	367	13.610	1.704	40.167	1.00	0.00
H									
HETATM	5864	C3	PRP	367	13.923	-0.572	39.712	1.00	0.00
C									
HETATM	5865	H6	PRP	367	14.602	-1.407	39.535	1.00	0.00
H									
HETATM	5866	H7	PRP	367	14.091	-0.422	40.779	1.00	0.00
H									
HETATM	5867	H8	PRP	367	12.917	-0.870	39.417	1.00	0.00
H									
HETATM	5868	O1	PRP	368	11.883	20.009	46.559	1.00	0.00
O									
HETATM	5869	H1	PRP	368	12.131	19.158	46.929	1.00	0.00
H									
HETATM	5870	C1	PRP	368	12.039	21.009	47.615	1.00	0.00
C									
HETATM	5871	H2	PRP	368	12.577	21.809	47.107	1.00	0.00
H									
HETATM	5872	H3	PRP	368	11.051	21.283	47.985	1.00	0.00
H									
HETATM	5873	C2	PRP	368	13.034	20.648	48.756	1.00	0.00
C									
HETATM	5874	H4	PRP	368	13.931	20.371	48.202	1.00	0.00
H									
HETATM	5875	O2	PRP	368	12.563	19.499	49.426	1.00	0.00
O									
HETATM	5876	H5	PRP	368	11.943	19.689	50.134	1.00	0.00
H									
HETATM	5877	C3	PRP	368	13.217	21.798	49.686	1.00	0.00
C									
HETATM	5878	H6	PRP	368	13.490	22.662	49.080	1.00	0.00
H									
HETATM	5879	H7	PRP	368	12.303	22.071	50.215	1.00	0.00
H									

HETATM	5880	H8	PRP	368	14.009	21.603	50.409	1.00	0.00
H									
HETATM	5881	O1	PRP	369	19.656	12.363	40.204	1.00	0.00
O									
HETATM	5882	H1	PRP	369	19.878	13.280	40.379	1.00	0.00
H									
HETATM	5883	C1	PRP	369	18.183	12.276	40.216	1.00	0.00
C									
HETATM	5884	H2	PRP	369	17.823	12.555	41.207	1.00	0.00
H									
HETATM	5885	H3	PRP	369	17.753	12.895	39.429	1.00	0.00
H									
HETATM	5886	C2	PRP	369	17.676	10.809	40.044	1.00	0.00
C									
HETATM	5887	H4	PRP	369	17.995	10.163	40.862	1.00	0.00
H									
HETATM	5888	O2	PRP	369	18.104	10.351	38.837	1.00	0.00
O									
HETATM	5889	H5	PRP	369	19.061	10.358	38.909	1.00	0.00
H									
HETATM	5890	C3	PRP	369	16.149	10.740	39.905	1.00	0.00
C									
HETATM	5891	H6	PRP	369	15.550	11.112	40.736	1.00	0.00
H									
HETATM	5892	H7	PRP	369	15.772	11.230	39.007	1.00	0.00
H									
HETATM	5893	H8	PRP	369	15.838	9.703	39.775	1.00	0.00
H									
HETATM	5894	O1	PRP	370	3.683	27.500	42.835	1.00	0.00
O									
HETATM	5895	H1	PRP	370	4.075	27.864	42.038	1.00	0.00
H									
HETATM	5896	C1	PRP	370	3.254	28.566	43.686	1.00	0.00
C									
HETATM	5897	H2	PRP	370	4.169	29.095	43.951	1.00	0.00
H									
HETATM	5898	H3	PRP	370	2.563	29.264	43.213	1.00	0.00
H									
HETATM	5899	C2	PRP	370	2.684	27.999	44.982	1.00	0.00
C									
HETATM	5900	H4	PRP	370	2.536	28.847	45.649	1.00	0.00
H									
HETATM	5901	O2	PRP	370	3.683	27.149	45.641	1.00	0.00
O									
HETATM	5902	H5	PRP	370	4.220	26.720	44.970	1.00	0.00
H									
HETATM	5903	C3	PRP	370	1.499	27.049	44.696	1.00	0.00
C									
HETATM	5904	H6	PRP	370	0.918	26.951	45.613	1.00	0.00
H									
HETATM	5905	H7	PRP	370	0.943	27.499	43.874	1.00	0.00
H									
HETATM	5906	H8	PRP	370	1.866	26.079	44.363	1.00	0.00
H									
HETATM	5907	O1	PRP	371	7.932	9.141	44.777	1.00	0.00
O									

HETATM	5908	H1	PRP	371	8.602	9.169	44.090	1.00	0.00
H									
HETATM	5909	C1	PRP	371	7.212	10.343	44.821	1.00	0.00
C									
HETATM	5910	H2	PRP	371	7.889	11.114	44.454	1.00	0.00
H									
HETATM	5911	H3	PRP	371	6.300	10.250	44.232	1.00	0.00
H									
HETATM	5912	C2	PRP	371	6.839	10.787	46.218	1.00	0.00
C									
HETATM	5913	H4	PRP	371	7.730	10.876	46.840	1.00	0.00
H									
HETATM	5914	O2	PRP	371	6.027	9.802	46.705	1.00	0.00
O									
HETATM	5915	H5	PRP	371	5.599	9.425	45.933	1.00	0.00
H									
HETATM	5916	C3	PRP	371	6.161	12.182	46.048	1.00	0.00
C									
HETATM	5917	H6	PRP	371	6.185	12.761	46.971	1.00	0.00
H									
HETATM	5918	H7	PRP	371	6.698	12.787	45.317	1.00	0.00
H									
HETATM	5919	H8	PRP	371	5.156	12.051	45.647	1.00	0.00
H									
HETATM	5920	O1	PRP	372	18.329	-11.403	40.988	1.00	0.00
O									
HETATM	5921	H1	PRP	372	18.259	-12.132	41.609	1.00	0.00
H									
HETATM	5922	C1	PRP	372	19.706	-11.531	40.725	1.00	0.00
C									
HETATM	5923	H2	PRP	372	19.913	-12.177	39.872	1.00	0.00
H									
HETATM	5924	H3	PRP	372	20.099	-10.518	40.640	1.00	0.00
H									
HETATM	5925	C2	PRP	372	20.483	-12.288	41.880	1.00	0.00
C									
HETATM	5926	H4	PRP	372	21.528	-12.346	41.576	1.00	0.00
H									
HETATM	5927	O2	PRP	372	19.865	-13.582	42.165	1.00	0.00
O									
HETATM	5928	H5	PRP	372	20.204	-14.334	41.674	1.00	0.00
H									
HETATM	5929	C3	PRP	372	20.365	-11.443	43.152	1.00	0.00
C									
HETATM	5930	H6	PRP	372	20.836	-10.477	42.973	1.00	0.00
H									
HETATM	5931	H7	PRP	372	19.325	-11.251	43.416	1.00	0.00
H									
HETATM	5932	H8	PRP	372	20.920	-11.968	43.929	1.00	0.00
H									
HETATM	5933	O1	PRP	373	4.221	4.961	42.354	1.00	0.00
O									
HETATM	5934	H1	PRP	373	4.653	5.219	43.172	1.00	0.00
H									
HETATM	5935	C1	PRP	373	4.100	3.562	42.262	1.00	0.00
C									

HETATM	5936	H2	PRP	373	4.276	3.287	43.302	1.00	0.00
H									
HETATM	5937	H3	PRP	373	3.141	3.254	41.847	1.00	0.00
H									
HETATM	5938	C2	PRP	373	5.244	2.957	41.511	1.00	0.00
C									
HETATM	5939	H4	PRP	373	5.309	3.380	40.509	1.00	0.00
H									
HETATM	5940	O2	PRP	373	4.972	1.518	41.399	1.00	0.00
O									
HETATM	5941	H5	PRP	373	4.699	1.313	40.502	1.00	0.00
H									
HETATM	5942	C3	PRP	373	6.585	3.210	42.276	1.00	0.00
C									
HETATM	5943	H6	PRP	373	7.444	2.752	41.785	1.00	0.00
H									
HETATM	5944	H7	PRP	373	6.786	4.281	42.280	1.00	0.00
H									
HETATM	5945	H8	PRP	373	6.549	3.007	43.346	1.00	0.00
H									
HETATM	5946	O1	PRP	374	21.981	10.991	36.354	1.00	0.00
O									
HETATM	5947	H1	PRP	374	22.589	11.547	35.861	1.00	0.00
H									
HETATM	5948	C1	PRP	374	20.733	11.671	36.390	1.00	0.00
C									
HETATM	5949	H2	PRP	374	20.192	11.428	37.304	1.00	0.00
H									
HETATM	5950	H3	PRP	374	21.018	12.721	36.459	1.00	0.00
H									
HETATM	5951	C2	PRP	374	19.819	11.396	35.146	1.00	0.00
C									
HETATM	5952	H4	PRP	374	19.958	10.327	34.983	1.00	0.00
H									
HETATM	5953	O2	PRP	374	20.150	12.058	33.943	1.00	0.00
O									
HETATM	5954	H5	PRP	374	21.095	11.950	33.812	1.00	0.00
H									
HETATM	5955	C3	PRP	374	18.308	11.704	35.285	1.00	0.00
C									
HETATM	5956	H6	PRP	374	17.956	12.736	35.274	1.00	0.00
H									
HETATM	5957	H7	PRP	374	17.735	11.270	34.466	1.00	0.00
H									
HETATM	5958	H8	PRP	374	17.918	11.190	36.163	1.00	0.00
H									
HETATM	5959	O1	PRP	375	13.070	17.863	35.211	1.00	0.00
O									
HETATM	5960	H1	PRP	375	13.495	17.005	35.147	1.00	0.00
H									
HETATM	5961	C1	PRP	375	13.273	18.441	33.993	1.00	0.00
C									
HETATM	5962	H2	PRP	375	12.382	18.144	33.440	1.00	0.00
H									
HETATM	5963	H3	PRP	375	13.267	19.520	34.151	1.00	0.00
H									

HETATM	5964	C2	PRP	375	14.559	17.992	33.367	1.00	0.00
C									
HETATM	5965	H4	PRP	375	14.478	18.249	32.311	1.00	0.00
H									
HETATM	5966	O2	PRP	375	14.681	16.588	33.471	1.00	0.00
O									
HETATM	5967	H5	PRP	375	14.160	16.228	32.749	1.00	0.00
H									
HETATM	5968	C3	PRP	375	15.741	18.786	34.004	1.00	0.00
C									
HETATM	5969	H6	PRP	375	15.646	19.802	33.623	1.00	0.00
H									
HETATM	5970	H7	PRP	375	15.651	18.743	35.090	1.00	0.00
H									
HETATM	5971	H8	PRP	375	16.732	18.433	33.718	1.00	0.00
H									
HETATM	5972	O1	PRP	376	14.299	11.479	32.653	1.00	0.00
O									
HETATM	5973	H1	PRP	376	13.924	11.902	33.430	1.00	0.00
H									
HETATM	5974	C1	PRP	376	13.306	10.744	31.958	1.00	0.00
C									
HETATM	5975	H2	PRP	376	13.556	9.742	32.307	1.00	0.00
H									
HETATM	5976	H3	PRP	376	12.379	11.152	32.360	1.00	0.00
H									
HETATM	5977	C2	PRP	376	13.457	10.876	30.432	1.00	0.00
C									
HETATM	5978	H4	PRP	376	14.479	11.234	30.307	1.00	0.00
H									
HETATM	5979	O2	PRP	376	12.659	11.921	29.903	1.00	0.00
O									
HETATM	5980	H5	PRP	376	11.769	11.591	30.048	1.00	0.00
H									
HETATM	5981	C3	PRP	376	13.211	9.584	29.658	1.00	0.00
C									
HETATM	5982	H6	PRP	376	12.147	9.367	29.749	1.00	0.00
H									
HETATM	5983	H7	PRP	376	13.521	9.732	28.623	1.00	0.00
H									
HETATM	5984	H8	PRP	376	13.714	8.719	30.091	1.00	0.00
H									
HETATM	5985	O1	PRP	377	12.851	-2.120	30.552	1.00	0.00
O									
HETATM	5986	H1	PRP	377	13.144	-2.977	30.871	1.00	0.00
H									
HETATM	5987	C1	PRP	377	13.985	-1.262	30.613	1.00	0.00
C									
HETATM	5988	H2	PRP	377	13.551	-0.326	30.966	1.00	0.00
H									
HETATM	5989	H3	PRP	377	14.767	-1.651	31.265	1.00	0.00
H									
HETATM	5990	C2	PRP	377	14.441	-1.096	29.068	1.00	0.00
C									
HETATM	5991	H4	PRP	377	13.517	-0.778	28.584	1.00	0.00
H									

HETATM	5992	O2	PRP	377	15.078	-2.230	28.567	1.00	0.00
O									
HETATM	5993	H5	PRP	377	14.642	-3.062	28.765	1.00	0.00
H									
HETATM	5994	C3	PRP	377	15.457	0.097	29.046	1.00	0.00
C									
HETATM	5995	H6	PRP	377	15.113	1.106	29.270	1.00	0.00
H									
HETATM	5996	H7	PRP	377	16.184	-0.131	29.825	1.00	0.00
H									
HETATM	5997	H8	PRP	377	15.822	0.195	28.023	1.00	0.00
H									
HETATM	5998	O1	PRP	378	7.685	17.118	16.935	1.00	0.00
O									
HETATM	5999	H1	PRP	378	7.156	16.353	16.698	1.00	0.00
H									
HETATM	6000	C1	PRP	378	8.516	16.732	18.017	1.00	0.00
C									
HETATM	6001	H2	PRP	378	7.821	16.431	18.801	1.00	0.00
H									
HETATM	6002	H3	PRP	378	9.125	15.894	17.678	1.00	0.00
H									
HETATM	6003	C2	PRP	378	9.372	17.932	18.419	1.00	0.00
C									
HETATM	6004	H4	PRP	378	8.735	18.813	18.510	1.00	0.00
H									
HETATM	6005	O2	PRP	378	10.364	18.327	17.488	1.00	0.00
O									
HETATM	6006	H5	PRP	378	9.964	18.392	16.618	1.00	0.00
H									
HETATM	6007	C3	PRP	378	10.002	17.502	19.682	1.00	0.00
C									
HETATM	6008	H6	PRP	378	10.633	18.339	19.983	1.00	0.00
H									
HETATM	6009	H7	PRP	378	9.249	17.295	20.442	1.00	0.00
H									
HETATM	6010	H8	PRP	378	10.622	16.636	19.450	1.00	0.00
H									
HETATM	6011	O1	PRP	379	14.988	-0.810	44.736	1.00	0.00
O									
HETATM	6012	H1	PRP	379	14.258	-0.409	45.213	1.00	0.00
H									
HETATM	6013	C1	PRP	379	15.166	-0.110	43.517	1.00	0.00
C									
HETATM	6014	H2	PRP	379	16.239	-0.026	43.347	1.00	0.00
H									
HETATM	6015	H3	PRP	379	14.744	-0.595	42.637	1.00	0.00
H									
HETATM	6016	C2	PRP	379	14.537	1.290	43.531	1.00	0.00
C									
HETATM	6017	H4	PRP	379	13.536	1.157	43.940	1.00	0.00
H									
HETATM	6018	O2	PRP	379	14.392	1.812	42.222	1.00	0.00
O									
HETATM	6019	H5	PRP	379	14.196	2.749	42.295	1.00	0.00
H									

HETATM	6020	C3	PRP	379	15.316	2.154	44.489	1.00	0.00
C									
HETATM	6021	H6	PRP	379	15.800	1.606	45.298	1.00	0.00
H									
HETATM	6022	H7	PRP	379	16.153	2.570	43.929	1.00	0.00
H									
HETATM	6023	H8	PRP	379	14.674	2.947	44.873	1.00	0.00
H									
HETATM	6024	O1	PRP	380	12.888	18.485	25.289	1.00	0.00
O									
HETATM	6025	H1	PRP	380	12.400	18.187	26.060	1.00	0.00
H									
HETATM	6026	C1	PRP	380	13.421	17.185	24.785	1.00	0.00
C									
HETATM	6027	H2	PRP	380	14.511	17.210	24.805	1.00	0.00
H									
HETATM	6028	H3	PRP	380	13.007	16.318	25.299	1.00	0.00
H									
HETATM	6029	C2	PRP	380	13.060	17.209	23.219	1.00	0.00
C									
HETATM	6030	H4	PRP	380	13.690	16.455	22.748	1.00	0.00
H									
HETATM	6031	O2	PRP	380	13.285	18.515	22.755	1.00	0.00
O									
HETATM	6032	H5	PRP	380	13.525	19.008	23.542	1.00	0.00
H									
HETATM	6033	C3	PRP	380	11.631	16.837	22.989	1.00	0.00
C									
HETATM	6034	H6	PRP	380	11.558	15.754	23.084	1.00	0.00
H									
HETATM	6035	H7	PRP	380	11.069	17.352	23.768	1.00	0.00
H									
HETATM	6036	H8	PRP	380	11.240	17.071	21.999	1.00	0.00
H									
HETATM	6037	O1	PRP	381	20.737	-0.084	41.314	1.00	0.00
O									
HETATM	6038	H1	PRP	381	20.788	0.810	41.660	1.00	0.00
H									
HETATM	6039	C1	PRP	381	19.974	-0.282	40.161	1.00	0.00
C									
HETATM	6040	H2	PRP	381	19.836	-1.309	39.824	1.00	0.00
H									
HETATM	6041	H3	PRP	381	18.983	0.125	40.362	1.00	0.00
H									
HETATM	6042	C2	PRP	381	20.628	0.309	38.905	1.00	0.00
C									
HETATM	6043	H4	PRP	381	19.952	-0.153	38.186	1.00	0.00
H									
HETATM	6044	O2	PRP	381	21.904	-0.056	38.682	1.00	0.00
O									
HETATM	6045	H5	PRP	381	22.452	0.731	38.623	1.00	0.00
H									
HETATM	6046	C3	PRP	381	20.481	1.785	38.729	1.00	0.00
C									
HETATM	6047	H6	PRP	381	20.665	2.244	39.700	1.00	0.00
H									

HETATM	6048	H7	PRP	381	21.170	2.105	37.947	1.00	0.00
H									
HETATM	6049	H8	PRP	381	19.485	2.122	38.441	1.00	0.00
H									
HETATM	6050	O1	PRP	382	22.587	1.407	33.845	1.00	0.00
O									
HETATM	6051	H1	PRP	382	22.031	1.788	33.161	1.00	0.00
H									
HETATM	6052	C1	PRP	382	22.305	0.019	33.852	1.00	0.00
C									
HETATM	6053	H2	PRP	382	21.227	-0.134	33.814	1.00	0.00
H									
HETATM	6054	H3	PRP	382	22.878	-0.559	33.126	1.00	0.00
H									
HETATM	6055	C2	PRP	382	22.898	-0.497	35.118	1.00	0.00
C									
HETATM	6056	H4	PRP	382	22.517	0.134	35.921	1.00	0.00
H									
HETATM	6057	O2	PRP	382	24.293	-0.495	34.967	1.00	0.00
O									
HETATM	6058	H5	PRP	382	24.659	0.391	34.917	1.00	0.00
H									
HETATM	6059	C3	PRP	382	22.363	-1.928	35.402	1.00	0.00
C									
HETATM	6060	H6	PRP	382	22.624	-2.551	34.547	1.00	0.00
H									
HETATM	6061	H7	PRP	382	22.882	-2.377	36.249	1.00	0.00
H									
HETATM	6062	H8	PRP	382	21.280	-1.933	35.523	1.00	0.00
H									
HETATM	6063	O1	PRP	383	15.748	4.573	35.640	1.00	0.00
O									
HETATM	6064	H1	PRP	383	16.093	3.692	35.482	1.00	0.00
H									
HETATM	6065	C1	PRP	383	16.750	5.219	36.381	1.00	0.00
C									
HETATM	6066	H2	PRP	383	16.370	6.186	36.708	1.00	0.00
H									
HETATM	6067	H3	PRP	383	16.991	4.705	37.312	1.00	0.00
H									
HETATM	6068	C2	PRP	383	18.023	5.336	35.455	1.00	0.00
C									
HETATM	6069	H4	PRP	383	17.761	5.511	34.412	1.00	0.00
H									
HETATM	6070	O2	PRP	383	18.700	4.073	35.649	1.00	0.00
O									
HETATM	6071	H5	PRP	383	18.210	3.393	35.180	1.00	0.00
H									
HETATM	6072	C3	PRP	383	18.928	6.511	35.785	1.00	0.00
C									
HETATM	6073	H6	PRP	383	19.255	6.385	36.818	1.00	0.00
H									
HETATM	6074	H7	PRP	383	19.755	6.500	35.075	1.00	0.00
H									
HETATM	6075	H8	PRP	383	18.411	7.460	35.644	1.00	0.00
H									

HETATM	6076	O1	PRP	384	0.102	4.822	20.721	1.00	0.00
O									
HETATM	6077	H1	PRP	384	-0.712	4.923	20.221	1.00	0.00
H									
HETATM	6078	C1	PRP	384	0.848	5.857	20.083	1.00	0.00
C									
HETATM	6079	H2	PRP	384	1.884	5.676	20.370	1.00	0.00
H									
HETATM	6080	H3	PRP	384	0.747	5.825	18.998	1.00	0.00
H									
HETATM	6081	C2	PRP	384	0.455	7.250	20.623	1.00	0.00
C									
HETATM	6082	H4	PRP	384	0.385	7.231	21.710	1.00	0.00
H									
HETATM	6083	O2	PRP	384	-0.813	7.729	20.080	1.00	0.00
O									
HETATM	6084	H5	PRP	384	-1.296	8.106	20.818	1.00	0.00
H									
HETATM	6085	C3	PRP	384	1.512	8.286	20.224	1.00	0.00
C									
HETATM	6086	H6	PRP	384	1.469	8.477	19.152	1.00	0.00
H									
HETATM	6087	H7	PRP	384	1.457	9.268	20.693	1.00	0.00
H									
HETATM	6088	H8	PRP	384	2.460	7.819	20.492	1.00	0.00
H									
HETATM	6089	O1	PRP	385	27.287	-11.718	39.091	1.00	0.00
O									
HETATM	6090	H1	PRP	385	26.420	-11.306	39.093	1.00	0.00
H									
HETATM	6091	C1	PRP	385	27.334	-12.510	40.331	1.00	0.00
C									
HETATM	6092	H2	PRP	385	26.894	-13.485	40.120	1.00	0.00
H									
HETATM	6093	H3	PRP	385	28.366	-12.680	40.635	1.00	0.00
H									
HETATM	6094	C2	PRP	385	26.766	-11.872	41.555	1.00	0.00
C									
HETATM	6095	H4	PRP	385	27.049	-12.530	42.376	1.00	0.00
H									
HETATM	6096	O2	PRP	385	25.360	-11.840	41.388	1.00	0.00
O									
HETATM	6097	H5	PRP	385	24.980	-11.630	42.244	1.00	0.00
H									
HETATM	6098	C3	PRP	385	27.285	-10.452	41.772	1.00	0.00
C									
HETATM	6099	H6	PRP	385	28.360	-10.478	41.591	1.00	0.00
H									
HETATM	6100	H7	PRP	385	26.797	-9.741	41.106	1.00	0.00
H									
HETATM	6101	H8	PRP	385	27.125	-10.122	42.799	1.00	0.00
H									
HETATM	6102	O1	PRP	386	23.852	14.417	40.207	1.00	0.00
O									
HETATM	6103	H1	PRP	386	23.463	14.124	41.035	1.00	0.00
H									

HETATM	6104	C1	PRP	386	22.847	14.181	39.358	1.00	0.00
C									
HETATM	6105	H2	PRP	386	23.235	14.377	38.358	1.00	0.00
H									
HETATM	6106	H3	PRP	386	22.566	13.128	39.385	1.00	0.00
H									
HETATM	6107	C2	PRP	386	21.658	15.103	39.741	1.00	0.00
C									
HETATM	6108	H4	PRP	386	22.083	16.092	39.910	1.00	0.00
H									
HETATM	6109	O2	PRP	386	20.936	14.619	40.805	1.00	0.00
O									
HETATM	6110	H5	PRP	386	21.363	14.822	41.641	1.00	0.00
H									
HETATM	6111	C3	PRP	386	20.832	15.214	38.465	1.00	0.00
C									
HETATM	6112	H6	PRP	386	20.646	14.280	37.935	1.00	0.00
H									
HETATM	6113	H7	PRP	386	19.833	15.625	38.611	1.00	0.00
H									
HETATM	6114	H8	PRP	386	21.387	15.815	37.746	1.00	0.00
H									
HETATM	6115	O1	PRP	387	8.536	11.193	37.864	1.00	0.00
O									
HETATM	6116	H1	PRP	387	9.371	11.367	38.303	1.00	0.00
H									
HETATM	6117	C1	PRP	387	8.295	9.822	38.175	1.00	0.00
C									
HETATM	6118	H2	PRP	387	8.148	9.558	39.223	1.00	0.00
H									
HETATM	6119	H3	PRP	387	7.427	9.452	37.631	1.00	0.00
H									
HETATM	6120	C2	PRP	387	9.483	9.056	37.696	1.00	0.00
C									
HETATM	6121	H4	PRP	387	9.479	8.012	38.011	1.00	0.00
H									
HETATM	6122	O2	PRP	387	10.606	9.662	38.393	1.00	0.00
O									
HETATM	6123	H5	PRP	387	11.386	9.186	38.096	1.00	0.00
H									
HETATM	6124	C3	PRP	387	9.686	9.146	36.220	1.00	0.00
C									
HETATM	6125	H6	PRP	387	10.407	8.361	35.992	1.00	0.00
H									
HETATM	6126	H7	PRP	387	8.783	8.985	35.631	1.00	0.00
H									
HETATM	6127	H8	PRP	387	10.097	10.080	35.836	1.00	0.00
H									
HETATM	6128	O1	PRP	388	13.299	11.794	41.491	1.00	0.00
O									
HETATM	6129	H1	PRP	388	13.061	10.865	41.455	1.00	0.00
H									
HETATM	6130	C1	PRP	388	12.684	12.307	40.281	1.00	0.00
C									
HETATM	6131	H2	PRP	388	13.231	13.235	40.116	1.00	0.00
H									

HETATM	6132	H3	PRP	388	12.789	11.568	39.486	1.00	0.00
H									
HETATM	6133	C2	PRP	388	11.207	12.604	40.521	1.00	0.00
C									
HETATM	6134	H4	PRP	388	11.154	13.380	41.284	1.00	0.00
H									
HETATM	6135	O2	PRP	388	10.491	11.427	40.801	1.00	0.00
O									
HETATM	6136	H5	PRP	388	10.798	10.789	40.152	1.00	0.00
H									
HETATM	6137	C3	PRP	388	10.590	13.212	39.241	1.00	0.00
C									
HETATM	6138	H6	PRP	388	10.646	12.523	38.398	1.00	0.00
H									
HETATM	6139	H7	PRP	388	9.538	13.455	39.390	1.00	0.00
H									
HETATM	6140	H8	PRP	388	11.131	14.142	39.066	1.00	0.00
H									
HETATM	6141	O1	PRP	389	7.566	21.657	41.691	1.00	0.00
O									
HETATM	6142	H1	PRP	389	6.959	22.192	42.206	1.00	0.00
H									
HETATM	6143	C1	PRP	389	8.353	21.025	42.672	1.00	0.00
C									
HETATM	6144	H2	PRP	389	7.950	21.286	43.651	1.00	0.00
H									
HETATM	6145	H3	PRP	389	8.359	19.942	42.547	1.00	0.00
H									
HETATM	6146	C2	PRP	389	9.861	21.605	42.562	1.00	0.00
C									
HETATM	6147	H4	PRP	389	9.815	22.681	42.394	1.00	0.00
H									
HETATM	6148	O2	PRP	389	10.552	20.946	41.533	1.00	0.00
O									
HETATM	6149	H5	PRP	389	9.961	20.704	40.816	1.00	0.00
H									
HETATM	6150	C3	PRP	389	10.711	21.172	43.808	1.00	0.00
C									
HETATM	6151	H6	PRP	389	11.785	21.346	43.751	1.00	0.00
H									
HETATM	6152	H7	PRP	389	10.339	21.691	44.692	1.00	0.00
H									
HETATM	6153	H8	PRP	389	10.488	20.118	43.973	1.00	0.00
H									
HETATM	6154	O1	PRP	390	-3.937	16.537	40.851	1.00	0.00
O									
HETATM	6155	H1	PRP	390	-4.206	17.459	40.852	1.00	0.00
H									
HETATM	6156	C1	PRP	390	-4.842	15.717	40.197	1.00	0.00
C									
HETATM	6157	H2	PRP	390	-4.724	14.686	40.530	1.00	0.00
H									
HETATM	6158	H3	PRP	390	-5.827	15.886	40.632	1.00	0.00
H									
HETATM	6159	C2	PRP	390	-4.762	15.705	38.692	1.00	0.00
C									

HETATM	6160	H4	PRP	390	-5.591	15.085	38.352	1.00	0.00
H									
HETATM	6161	O2	PRP	390	-3.589	15.089	38.243	1.00	0.00
O									
HETATM	6162	H5	PRP	390	-2.987	15.100	38.990	1.00	0.00
H									
HETATM	6163	C3	PRP	390	-4.716	17.156	38.101	1.00	0.00
C									
HETATM	6164	H6	PRP	390	-5.090	17.122	37.078	1.00	0.00
H									
HETATM	6165	H7	PRP	390	-5.369	17.833	38.652	1.00	0.00
H									
HETATM	6166	H8	PRP	390	-3.715	17.584	38.043	1.00	0.00
H									
HETATM	6167	O1	PRP	391	5.276	4.500	36.012	1.00	0.00
O									
HETATM	6168	H1	PRP	391	4.557	5.131	35.939	1.00	0.00
H									
HETATM	6169	C1	PRP	391	6.061	4.829	37.152	1.00	0.00
C									
HETATM	6170	H2	PRP	391	6.602	5.733	36.872	1.00	0.00
H									
HETATM	6171	H3	PRP	391	5.413	4.964	38.018	1.00	0.00
H									
HETATM	6172	C2	PRP	391	7.217	3.835	37.319	1.00	0.00
C									
HETATM	6173	H4	PRP	391	7.694	3.902	36.341	1.00	0.00
H									
HETATM	6174	O2	PRP	391	6.759	2.467	37.518	1.00	0.00
O									
HETATM	6175	H5	PRP	391	6.079	2.279	36.868	1.00	0.00
H									
HETATM	6176	C3	PRP	391	8.276	4.280	38.405	1.00	0.00
C									
HETATM	6177	H6	PRP	391	8.772	5.211	38.133	1.00	0.00
H									
HETATM	6178	H7	PRP	391	7.760	4.594	39.312	1.00	0.00
H									
HETATM	6179	H8	PRP	391	9.072	3.559	38.590	1.00	0.00
H									
HETATM	6180	O1	PRP	392	13.375	16.441	39.117	1.00	0.00
O									
HETATM	6181	H1	PRP	392	12.652	16.454	39.749	1.00	0.00
H									
HETATM	6182	C1	PRP	392	13.760	17.740	38.831	1.00	0.00
C									
HETATM	6183	H2	PRP	392	14.413	18.194	39.576	1.00	0.00
H									
HETATM	6184	H3	PRP	392	14.426	17.533	37.993	1.00	0.00
H									
HETATM	6185	C2	PRP	392	12.524	18.709	38.463	1.00	0.00
C									
HETATM	6186	H4	PRP	392	11.851	18.859	39.307	1.00	0.00
H									
HETATM	6187	O2	PRP	392	11.813	18.082	37.421	1.00	0.00
O									

HETATM	6188	H5	PRP	392	12.176	18.343	36.571	1.00	0.00
H									
HETATM	6189	C3	PRP	392	13.028	19.991	37.968	1.00	0.00
C									
HETATM	6190	H6	PRP	392	13.577	20.406	38.813	1.00	0.00
H									
HETATM	6191	H7	PRP	392	13.658	19.841	37.092	1.00	0.00
H									
HETATM	6192	H8	PRP	392	12.301	20.667	37.519	1.00	0.00
H									
HETATM	6193	O1	PRP	393	2.698	12.725	38.755	1.00	0.00
O									
HETATM	6194	H1	PRP	393	2.926	13.144	37.922	1.00	0.00
H									
HETATM	6195	C1	PRP	393	1.843	11.610	38.456	1.00	0.00
C									
HETATM	6196	H2	PRP	393	2.461	10.717	38.362	1.00	0.00
H									
HETATM	6197	H3	PRP	393	1.216	11.335	39.304	1.00	0.00
H									
HETATM	6198	C2	PRP	393	0.994	11.709	37.210	1.00	0.00
C									
HETATM	6199	H4	PRP	393	1.570	11.649	36.287	1.00	0.00
H									
HETATM	6200	O2	PRP	393	0.295	12.940	37.198	1.00	0.00
O									
HETATM	6201	H5	PRP	393	-0.169	13.021	38.035	1.00	0.00
H									
HETATM	6202	C3	PRP	393	0.008	10.515	37.222	1.00	0.00
C									
HETATM	6203	H6	PRP	393	-0.086	9.988	38.172	1.00	0.00
H									
HETATM	6204	H7	PRP	393	-0.981	10.822	36.883	1.00	0.00
H									
HETATM	6205	H8	PRP	393	0.469	9.784	36.558	1.00	0.00
H									
HETATM	6206	O1	PRP	394	9.836	19.872	33.529	1.00	0.00
O									
HETATM	6207	H1	PRP	394	9.721	20.779	33.821	1.00	0.00
H									
HETATM	6208	C1	PRP	394	9.225	19.133	34.505	1.00	0.00
C									
HETATM	6209	H2	PRP	394	9.456	18.072	34.407	1.00	0.00
H									
HETATM	6210	H3	PRP	394	9.580	19.512	35.464	1.00	0.00
H									
HETATM	6211	C2	PRP	394	7.705	19.439	34.495	1.00	0.00
C									
HETATM	6212	H4	PRP	394	7.312	19.261	35.496	1.00	0.00
H									
HETATM	6213	O2	PRP	394	6.944	18.608	33.636	1.00	0.00
O									
HETATM	6214	H5	PRP	394	7.153	18.752	32.710	1.00	0.00
H									
HETATM	6215	C3	PRP	394	7.284	20.970	34.294	1.00	0.00
C									

HETATM	6216	H6	PRP	394	6.207	21.137	34.329	1.00	0.00
H									
HETATM	6217	H7	PRP	394	7.730	21.545	35.105	1.00	0.00
H									
HETATM	6218	H8	PRP	394	7.584	21.286	33.295	1.00	0.00
H									
HETATM	6219	O1	PRP	395	14.272	-7.417	32.265	1.00	0.00
O									
HETATM	6220	H1	PRP	395	14.417	-7.799	33.134	1.00	0.00
H									
HETATM	6221	C1	PRP	395	15.110	-6.311	31.898	1.00	0.00
C									
HETATM	6222	H2	PRP	395	16.119	-6.570	32.216	1.00	0.00
H									
HETATM	6223	H3	PRP	395	15.030	-6.279	30.811	1.00	0.00
H									
HETATM	6224	C2	PRP	395	14.675	-4.915	32.459	1.00	0.00
C									
HETATM	6225	H4	PRP	395	14.476	-5.102	33.514	1.00	0.00
H									
HETATM	6226	O2	PRP	395	13.465	-4.357	31.921	1.00	0.00
O									
HETATM	6227	H5	PRP	395	12.704	-4.837	32.256	1.00	0.00
H									
HETATM	6228	C3	PRP	395	15.825	-3.969	32.152	1.00	0.00
C									
HETATM	6229	H6	PRP	395	15.857	-3.146	32.866	1.00	0.00
H									
HETATM	6230	H7	PRP	395	16.785	-4.485	32.168	1.00	0.00
H									
HETATM	6231	H8	PRP	395	15.542	-3.659	31.146	1.00	0.00
H									
HETATM	6232	O1	PRP	396	19.169	24.479	36.667	1.00	0.00
O									
HETATM	6233	H1	PRP	396	20.046	24.303	37.014	1.00	0.00
H									
HETATM	6234	C1	PRP	396	18.176	24.236	37.737	1.00	0.00
C									
HETATM	6235	H2	PRP	396	17.261	23.759	37.386	1.00	0.00
H									
HETATM	6236	H3	PRP	396	18.707	23.655	38.491	1.00	0.00
H									
HETATM	6237	C2	PRP	396	17.711	25.558	38.292	1.00	0.00
C									
HETATM	6238	H4	PRP	396	16.876	25.307	38.946	1.00	0.00
H									
HETATM	6239	O2	PRP	396	17.312	26.436	37.251	1.00	0.00
O									
HETATM	6240	H5	PRP	396	17.983	26.266	36.586	1.00	0.00
H									
HETATM	6241	C3	PRP	396	18.751	26.179	39.136	1.00	0.00
C									
HETATM	6242	H6	PRP	396	19.769	25.928	38.839	1.00	0.00
H									
HETATM	6243	H7	PRP	396	18.626	27.260	39.071	1.00	0.00
H									

HETATM	6244	H8	PRP	396	18.630	25.717	40.116	1.00	0.00
H									
HETATM	6245	O1	PRP	397	13.133	25.338	41.988	1.00	0.00
O									
HETATM	6246	H1	PRP	397	13.565	24.676	42.533	1.00	0.00
H									
HETATM	6247	C1	PRP	397	12.095	24.678	41.369	1.00	0.00
C									
HETATM	6248	H2	PRP	397	11.620	24.080	42.147	1.00	0.00
H									
HETATM	6249	H3	PRP	397	11.402	25.382	40.909	1.00	0.00
H									
HETATM	6250	C2	PRP	397	12.565	23.630	40.374	1.00	0.00
C									
HETATM	6251	H4	PRP	397	11.849	23.464	39.569	1.00	0.00
H									
HETATM	6252	O2	PRP	397	12.751	22.403	41.028	1.00	0.00
O									
HETATM	6253	H5	PRP	397	11.938	21.920	41.193	1.00	0.00
H									
HETATM	6254	C3	PRP	397	13.973	23.931	39.748	1.00	0.00
C									
HETATM	6255	H6	PRP	397	14.678	23.946	40.579	1.00	0.00
H									
HETATM	6256	H7	PRP	397	14.128	23.149	39.005	1.00	0.00
H									
HETATM	6257	H8	PRP	397	13.908	24.792	39.081	1.00	0.00
H									
HETATM	6258	O1	PRP	398	13.067	3.071	36.665	1.00	0.00
O									
HETATM	6259	H1	PRP	398	12.934	2.365	37.302	1.00	0.00
H									
HETATM	6260	C1	PRP	398	11.844	3.872	36.673	1.00	0.00
C									
HETATM	6261	H2	PRP	398	11.015	3.207	36.431	1.00	0.00
H									
HETATM	6262	H3	PRP	398	11.755	4.173	37.717	1.00	0.00
H									
HETATM	6263	C2	PRP	398	12.065	4.983	35.619	1.00	0.00
C									
HETATM	6264	H4	PRP	398	12.275	4.527	34.651	1.00	0.00
H									
HETATM	6265	O2	PRP	398	13.049	5.828	36.145	1.00	0.00
O									
HETATM	6266	H5	PRP	398	13.864	5.330	36.234	1.00	0.00
H									
HETATM	6267	C3	PRP	398	10.761	5.668	35.489	1.00	0.00
C									
HETATM	6268	H6	PRP	398	10.518	6.070	36.472	1.00	0.00
H									
HETATM	6269	H7	PRP	398	10.868	6.539	34.842	1.00	0.00
H									
HETATM	6270	H8	PRP	398	9.941	4.988	35.258	1.00	0.00
H									
HETATM	6271	O1	PRP	399	4.427	-6.337	26.159	1.00	0.00
O									

HETATM	6272	H1	PRP	399	5.237	-6.195	25.664	1.00	0.00
H									
HETATM	6273	C1	PRP	399	4.563	-5.345	27.116	1.00	0.00
C									
HETATM	6274	H2	PRP	399	5.436	-5.606	27.714	1.00	0.00
H									
HETATM	6275	H3	PRP	399	4.834	-4.405	26.636	1.00	0.00
H									
HETATM	6276	C2	PRP	399	3.357	-5.207	28.027	1.00	0.00
C									
HETATM	6277	H4	PRP	399	2.910	-6.198	28.115	1.00	0.00
H									
HETATM	6278	O2	PRP	399	2.338	-4.454	27.232	1.00	0.00
O									
HETATM	6279	H5	PRP	399	2.232	-4.831	26.355	1.00	0.00
H									
HETATM	6280	C3	PRP	399	3.698	-4.487	29.379	1.00	0.00
C									
HETATM	6281	H6	PRP	399	2.818	-4.393	30.015	1.00	0.00
H									
HETATM	6282	H7	PRP	399	4.436	-5.111	29.883	1.00	0.00
H									
HETATM	6283	H8	PRP	399	4.191	-3.519	29.288	1.00	0.00
H									
HETATM	6284	O1	PRP	400	15.829	7.804	28.815	1.00	0.00
O									
HETATM	6285	H1	PRP	400	16.619	8.181	28.422	1.00	0.00
H									
HETATM	6286	C1	PRP	400	14.988	7.378	27.848	1.00	0.00
C									
HETATM	6287	H2	PRP	400	14.350	6.599	28.265	1.00	0.00
H									
HETATM	6288	H3	PRP	400	14.529	8.256	27.394	1.00	0.00
H									
HETATM	6289	C2	PRP	400	15.813	6.656	26.715	1.00	0.00
C									
HETATM	6290	H4	PRP	400	16.143	5.735	27.195	1.00	0.00
H									
HETATM	6291	O2	PRP	400	16.897	7.421	26.261	1.00	0.00
O									
HETATM	6292	H5	PRP	400	17.160	7.074	25.405	1.00	0.00
H									
HETATM	6293	C3	PRP	400	14.831	6.441	25.580	1.00	0.00
C									
HETATM	6294	H6	PRP	400	14.456	7.390	25.197	1.00	0.00
H									
HETATM	6295	H7	PRP	400	15.361	5.985	24.744	1.00	0.00
H									
HETATM	6296	H8	PRP	400	14.000	5.823	25.918	1.00	0.00
H									
HETATM	6297	O1	PRP	401	18.598	3.218	29.901	1.00	0.00
O									
HETATM	6298	H1	PRP	401	19.243	3.922	29.996	1.00	0.00
H									
HETATM	6299	C1	PRP	401	17.868	3.590	28.672	1.00	0.00
C									

HETATM	6300	H2	PRP	401	16.809	3.787	28.842	1.00	0.00
H									
HETATM	6301	H3	PRP	401	18.345	4.545	28.453	1.00	0.00
H									
HETATM	6302	C2	PRP	401	18.026	2.578	27.515	1.00	0.00
C									
HETATM	6303	H4	PRP	401	17.559	1.623	27.757	1.00	0.00
H									
HETATM	6304	O2	PRP	401	19.421	2.480	27.306	1.00	0.00
O									
HETATM	6305	H5	PRP	401	19.919	2.340	28.114	1.00	0.00
H									
HETATM	6306	C3	PRP	401	17.266	3.213	26.346	1.00	0.00
C									
HETATM	6307	H6	PRP	401	16.190	3.040	26.357	1.00	0.00
H									
HETATM	6308	H7	PRP	401	17.692	4.208	26.216	1.00	0.00
H									
HETATM	6309	H8	PRP	401	17.667	2.653	25.500	1.00	0.00
H									
HETATM	6310	O1	PRP	402	14.385	-7.882	28.817	1.00	0.00
O									
HETATM	6311	H1	PRP	402	15.185	-7.359	28.905	1.00	0.00
H									
HETATM	6312	C1	PRP	402	13.335	-6.930	28.924	1.00	0.00
C									
HETATM	6313	H2	PRP	402	12.471	-7.504	28.590	1.00	0.00
H									
HETATM	6314	H3	PRP	402	13.273	-6.549	29.944	1.00	0.00
H									
HETATM	6315	C2	PRP	402	13.637	-5.838	27.852	1.00	0.00
C									
HETATM	6316	H4	PRP	402	14.086	-6.266	26.956	1.00	0.00
H									
HETATM	6317	O2	PRP	402	14.630	-5.010	28.428	1.00	0.00
O									
HETATM	6318	H5	PRP	402	15.507	-5.400	28.435	1.00	0.00
H									
HETATM	6319	C3	PRP	402	12.292	-5.210	27.419	1.00	0.00
C									
HETATM	6320	H6	PRP	402	11.653	-5.062	28.290	1.00	0.00
H									
HETATM	6321	H7	PRP	402	12.434	-4.258	26.907	1.00	0.00
H									
HETATM	6322	H8	PRP	402	11.787	-5.932	26.777	1.00	0.00
H									
HETATM	6323	O1	PRP	403	10.077	-0.917	28.303	1.00	0.00
O									
HETATM	6324	H1	PRP	403	10.543	-1.100	27.484	1.00	0.00
H									
HETATM	6325	C1	PRP	403	9.697	-2.156	28.877	1.00	0.00
C									
HETATM	6326	H2	PRP	403	8.749	-2.531	28.488	1.00	0.00
H									
HETATM	6327	H3	PRP	403	10.484	-2.909	28.901	1.00	0.00
H									

HETATM	6328	C2	PRP	403	9.266	-1.919	30.370	1.00	0.00
C									
HETATM	6329	H4	PRP	403	9.195	-0.836	30.469	1.00	0.00
H									
HETATM	6330	O2	PRP	403	10.309	-2.244	31.276	1.00	0.00
O									
HETATM	6331	H5	PRP	403	11.139	-2.034	30.843	1.00	0.00
H									
HETATM	6332	C3	PRP	403	7.911	-2.590	30.825	1.00	0.00
C									
HETATM	6333	H6	PRP	403	7.917	-3.637	30.523	1.00	0.00
H									
HETATM	6334	H7	PRP	403	7.829	-2.541	31.911	1.00	0.00
H									
HETATM	6335	H8	PRP	403	6.993	-2.175	30.410	1.00	0.00
H									
HETATM	6336	O1	PRP	404	18.796	-6.291	31.065	1.00	0.00
O									
HETATM	6337	H1	PRP	404	19.587	-5.777	30.883	1.00	0.00
H									
HETATM	6338	C1	PRP	404	18.757	-7.429	30.260	1.00	0.00
C									
HETATM	6339	H2	PRP	404	19.700	-7.976	30.285	1.00	0.00
H									
HETATM	6340	H3	PRP	404	17.962	-8.080	30.623	1.00	0.00
H									
HETATM	6341	C2	PRP	404	18.583	-6.991	28.849	1.00	0.00
C									
HETATM	6342	H4	PRP	404	19.396	-6.439	28.378	1.00	0.00
H									
HETATM	6343	O2	PRP	404	17.376	-6.182	28.702	1.00	0.00
O									
HETATM	6344	H5	PRP	404	17.509	-5.368	29.194	1.00	0.00
H									
HETATM	6345	C3	PRP	404	18.486	-8.266	28.004	1.00	0.00
C									
HETATM	6346	H6	PRP	404	19.488	-8.693	27.980	1.00	0.00
H									
HETATM	6347	H7	PRP	404	17.809	-8.931	28.539	1.00	0.00
H									
HETATM	6348	H8	PRP	404	18.139	-8.018	27.000	1.00	0.00
H									
HETATM	6349	O1	PRP	405	21.650	-6.235	26.562	1.00	0.00
O									
HETATM	6350	H1	PRP	405	22.541	-6.220	26.206	1.00	0.00
H									
HETATM	6351	C1	PRP	405	20.720	-6.700	25.588	1.00	0.00
C									
HETATM	6352	H2	PRP	405	21.203	-7.611	25.235	1.00	0.00
H									
HETATM	6353	H3	PRP	405	19.682	-6.887	25.865	1.00	0.00
H									
HETATM	6354	C2	PRP	405	20.711	-5.908	24.233	1.00	0.00
C									
HETATM	6355	H4	PRP	405	19.908	-6.428	23.711	1.00	0.00
H									

HETATM	6356	O2	PRP	405	21.935	-6.115	23.588	1.00	0.00
O									
HETATM	6357	H5	PRP	405	22.661	-5.830	24.147	1.00	0.00
H									
HETATM	6358	C3	PRP	405	20.211	-4.460	24.380	1.00	0.00
C									
HETATM	6359	H6	PRP	405	20.028	-4.031	23.395	1.00	0.00
H									
HETATM	6360	H7	PRP	405	19.265	-4.552	24.915	1.00	0.00
H									
HETATM	6361	H8	PRP	405	20.952	-3.907	24.957	1.00	0.00
H									
HETATM	6362	O1	PRP	406	13.337	-10.472	24.400	1.00	0.00
O									
HETATM	6363	H1	PRP	406	12.675	-10.346	23.717	1.00	0.00
H									
HETATM	6364	C1	PRP	406	12.604	-10.628	25.617	1.00	0.00
C									
HETATM	6365	H2	PRP	406	12.408	-11.691	25.762	1.00	0.00
H									
HETATM	6366	H3	PRP	406	13.206	-10.307	26.467	1.00	0.00
H									
HETATM	6367	C2	PRP	406	11.336	-9.723	25.428	1.00	0.00
C									
HETATM	6368	H4	PRP	406	10.721	-9.607	26.320	1.00	0.00
H									
HETATM	6369	O2	PRP	406	10.400	-10.148	24.457	1.00	0.00
O									
HETATM	6370	H5	PRP	406	9.534	-10.157	24.872	1.00	0.00
H									
HETATM	6371	C3	PRP	406	11.754	-8.282	25.121	1.00	0.00
C									
HETATM	6372	H6	PRP	406	12.085	-8.177	24.088	1.00	0.00
H									
HETATM	6373	H7	PRP	406	10.937	-7.634	25.439	1.00	0.00
H									
HETATM	6374	H8	PRP	406	12.568	-7.921	25.750	1.00	0.00
H									
HETATM	6375	O1	PRP	407	11.604	-11.808	13.410	1.00	0.00
O									
HETATM	6376	H1	PRP	407	11.402	-12.152	12.536	1.00	0.00
H									
HETATM	6377	C1	PRP	407	10.651	-12.149	14.354	1.00	0.00
C									
HETATM	6378	H2	PRP	407	9.646	-12.052	13.943	1.00	0.00
H									
HETATM	6379	H3	PRP	407	10.577	-13.196	14.646	1.00	0.00
H									
HETATM	6380	C2	PRP	407	10.679	-11.287	15.647	1.00	0.00
C									
HETATM	6381	H4	PRP	407	9.918	-11.579	16.371	1.00	0.00
H									
HETATM	6382	O2	PRP	407	10.740	-9.891	15.357	1.00	0.00
O									
HETATM	6383	H5	PRP	407	11.049	-9.742	14.461	1.00	0.00
H									

HETATM	6384	C3	PRP	407	11.965	-11.473	16.421	1.00	0.00
C									
HETATM	6385	H6	PRP	407	12.087	-12.527	16.671	1.00	0.00
H									
HETATM	6386	H7	PRP	407	12.706	-11.120	15.704	1.00	0.00
H									
HETATM	6387	H8	PRP	407	11.908	-10.830	17.299	1.00	0.00
H									
HETATM	6388	O1	PRP	408	12.390	2.262	22.402	1.00	0.00
O									
HETATM	6389	H1	PRP	408	11.916	2.066	23.213	1.00	0.00
H									
HETATM	6390	C1	PRP	408	12.001	3.547	21.894	1.00	0.00
C									
HETATM	6391	H2	PRP	408	12.771	4.056	21.314	1.00	0.00
H									
HETATM	6392	H3	PRP	408	11.041	3.517	21.378	1.00	0.00
H									
HETATM	6393	C2	PRP	408	11.783	4.346	23.227	1.00	0.00
C									
HETATM	6394	H4	PRP	408	12.675	4.472	23.840	1.00	0.00
H									
HETATM	6395	O2	PRP	408	10.686	3.707	23.902	1.00	0.00
O									
HETATM	6396	H5	PRP	408	9.898	3.767	23.357	1.00	0.00
H									
HETATM	6397	C3	PRP	408	11.369	5.762	22.713	1.00	0.00
C									
HETATM	6398	H6	PRP	408	12.113	6.282	22.110	1.00	0.00
H									
HETATM	6399	H7	PRP	408	10.516	5.539	22.072	1.00	0.00
H									
HETATM	6400	H8	PRP	408	11.008	6.407	23.515	1.00	0.00
H									
HETATM	6401	O1	PRP	409	3.750	8.752	37.074	1.00	0.00
O									
HETATM	6402	H1	PRP	409	3.829	9.433	37.746	1.00	0.00
H									
HETATM	6403	C1	PRP	409	4.725	9.016	36.111	1.00	0.00
C									
HETATM	6404	H2	PRP	409	5.746	8.731	36.365	1.00	0.00
H									
HETATM	6405	H3	PRP	409	4.391	8.477	35.225	1.00	0.00
H									
HETATM	6406	C2	PRP	409	4.784	10.510	35.738	1.00	0.00
C									
HETATM	6407	H4	PRP	409	4.877	11.161	36.607	1.00	0.00
H									
HETATM	6408	O2	PRP	409	3.578	10.851	35.116	1.00	0.00
O									
HETATM	6409	H5	PRP	409	3.133	10.037	34.869	1.00	0.00
H									
HETATM	6410	C3	PRP	409	5.940	10.796	34.780	1.00	0.00
C									
HETATM	6411	H6	PRP	409	6.068	11.844	34.506	1.00	0.00
H									

HETATM	6412	H7	PRP	409	6.884	10.600	35.288	1.00	0.00
H									
HETATM	6413	H8	PRP	409	5.949	10.091	33.949	1.00	0.00
H									
HETATM	6414	O1	PRP	410	14.287	-6.059	37.269	1.00	0.00
O									
HETATM	6415	H1	PRP	410	14.360	-6.342	36.355	1.00	0.00
H									
HETATM	6416	C1	PRP	410	13.370	-4.965	37.253	1.00	0.00
C									
HETATM	6417	H2	PRP	410	13.097	-4.641	38.257	1.00	0.00
H									
HETATM	6418	H3	PRP	410	13.961	-4.159	36.816	1.00	0.00
H									
HETATM	6419	C2	PRP	410	12.129	-5.229	36.419	1.00	0.00
C									
HETATM	6420	H4	PRP	410	11.791	-6.217	36.729	1.00	0.00
H									
HETATM	6421	O2	PRP	410	12.477	-5.254	35.065	1.00	0.00
O									
HETATM	6422	H5	PRP	410	11.742	-5.033	34.488	1.00	0.00
H									
HETATM	6423	C3	PRP	410	11.059	-4.140	36.542	1.00	0.00
C									
HETATM	6424	H6	PRP	410	10.196	-4.382	35.921	1.00	0.00
H									
HETATM	6425	H7	PRP	410	10.755	-4.036	37.583	1.00	0.00
H									
HETATM	6426	H8	PRP	410	11.370	-3.163	36.171	1.00	0.00
H									
HETATM	6427	O1	PRP	411	-4.223	19.396	41.300	1.00	0.00
O									
HETATM	6428	H1	PRP	411	-4.805	19.330	42.060	1.00	0.00
H									
HETATM	6429	C1	PRP	411	-3.307	20.481	41.464	1.00	0.00
C									
HETATM	6430	H2	PRP	411	-3.832	21.362	41.096	1.00	0.00
H									
HETATM	6431	H3	PRP	411	-2.987	20.579	42.501	1.00	0.00
H									
HETATM	6432	C2	PRP	411	-2.038	20.211	40.635	1.00	0.00
C									
HETATM	6433	H4	PRP	411	-1.407	19.455	41.102	1.00	0.00
H									
HETATM	6434	O2	PRP	411	-1.256	21.393	40.608	1.00	0.00
O									
HETATM	6435	H5	PRP	411	-0.474	21.251	41.147	1.00	0.00
H									
HETATM	6436	C3	PRP	411	-2.412	19.881	39.131	1.00	0.00
C									
HETATM	6437	H6	PRP	411	-2.022	18.894	38.885	1.00	0.00
H									
HETATM	6438	H7	PRP	411	-3.498	19.886	39.032	1.00	0.00
H									
HETATM	6439	H8	PRP	411	-1.979	20.565	38.401	1.00	0.00
H									

HETATM	6440	O1	PRP	412	3.579	13.251	36.212	1.00	0.00
O									
HETATM	6441	H1	PRP	412	3.375	12.489	35.664	1.00	0.00
H									
HETATM	6442	C1	PRP	412	3.899	14.378	35.390	1.00	0.00
C									
HETATM	6443	H2	PRP	412	4.911	14.714	35.617	1.00	0.00
H									
HETATM	6444	H3	PRP	412	3.797	14.082	34.346	1.00	0.00
H									
HETATM	6445	C2	PRP	412	2.940	15.482	35.792	1.00	0.00
C									
HETATM	6446	H4	PRP	412	2.805	15.550	36.871	1.00	0.00
H									
HETATM	6447	O2	PRP	412	1.706	15.229	35.161	1.00	0.00
O									
HETATM	6448	H5	PRP	412	1.347	14.361	35.361	1.00	0.00
H									
HETATM	6449	C3	PRP	412	3.453	16.821	35.298	1.00	0.00
C									
HETATM	6450	H6	PRP	412	3.383	17.479	36.165	1.00	0.00
H									
HETATM	6451	H7	PRP	412	4.469	16.890	34.912	1.00	0.00
H									
HETATM	6452	H8	PRP	412	2.810	17.335	34.583	1.00	0.00
H									
HETATM	6453	O1	PRP	413	-2.679	8.635	36.825	1.00	0.00
O									
HETATM	6454	H1	PRP	413	-2.877	9.162	37.602	1.00	0.00
H									
HETATM	6455	C1	PRP	413	-3.798	8.683	36.058	1.00	0.00
C									
HETATM	6456	H2	PRP	413	-4.587	7.998	36.369	1.00	0.00
H									
HETATM	6457	H3	PRP	413	-4.179	9.702	36.125	1.00	0.00
H									
HETATM	6458	C2	PRP	413	-3.479	8.474	34.558	1.00	0.00
C									
HETATM	6459	H4	PRP	413	-4.074	9.205	34.011	1.00	0.00
H									
HETATM	6460	O2	PRP	413	-3.813	7.156	34.115	1.00	0.00
O									
HETATM	6461	H5	PRP	413	-4.743	7.015	34.304	1.00	0.00
H									
HETATM	6462	C3	PRP	413	-2.020	8.723	34.173	1.00	0.00
C									
HETATM	6463	H6	PRP	413	-1.381	7.848	34.288	1.00	0.00
H									
HETATM	6464	H7	PRP	413	-1.945	8.882	33.097	1.00	0.00
H									
HETATM	6465	H8	PRP	413	-1.625	9.583	34.714	1.00	0.00
H									
HETATM	6466	O1	PRP	414	-2.914	-0.398	36.464	1.00	0.00
O									
HETATM	6467	H1	PRP	414	-3.004	-0.989	37.215	1.00	0.00
H									

HETATM	6468	C1	PRP	414	-2.585	0.908	37.014	1.00	0.00
C									
HETATM	6469	H2	PRP	414	-3.196	1.638	36.483	1.00	0.00
H									
HETATM	6470	H3	PRP	414	-2.913	1.017	38.048	1.00	0.00
H									
HETATM	6471	C2	PRP	414	-1.127	1.206	36.915	1.00	0.00
C									
HETATM	6472	H4	PRP	414	-0.809	0.970	35.899	1.00	0.00
H									
HETATM	6473	O2	PRP	414	-0.303	0.438	37.786	1.00	0.00
O									
HETATM	6474	H5	PRP	414	-0.405	-0.489	37.561	1.00	0.00
H									
HETATM	6475	C3	PRP	414	-0.646	2.690	36.982	1.00	0.00
C									
HETATM	6476	H6	PRP	414	-0.920	3.243	37.880	1.00	0.00
H									
HETATM	6477	H7	PRP	414	0.426	2.766	36.798	1.00	0.00
H									
HETATM	6478	H8	PRP	414	-1.185	3.089	36.122	1.00	0.00
H									
HETATM	6479	O1	PRP	415	12.996	8.386	37.372	1.00	0.00
O									
HETATM	6480	H1	PRP	415	12.890	7.567	36.882	1.00	0.00
H									
HETATM	6481	C1	PRP	415	13.891	9.246	36.681	1.00	0.00
C									
HETATM	6482	H2	PRP	415	13.400	9.610	35.778	1.00	0.00
H									
HETATM	6483	H3	PRP	415	13.993	10.102	37.348	1.00	0.00
H									
HETATM	6484	C2	PRP	415	15.182	8.520	36.335	1.00	0.00
C									
HETATM	6485	H4	PRP	415	14.818	7.517	36.116	1.00	0.00
H									
HETATM	6486	O2	PRP	415	16.058	8.468	37.484	1.00	0.00
O									
HETATM	6487	H5	PRP	415	16.489	9.279	37.763	1.00	0.00
H									
HETATM	6488	C3	PRP	415	15.867	9.054	35.095	1.00	0.00
C									
HETATM	6489	H6	PRP	415	15.871	10.144	35.081	1.00	0.00
H									
HETATM	6490	H7	PRP	415	16.901	8.715	35.160	1.00	0.00
H									
HETATM	6491	H8	PRP	415	15.362	8.719	34.189	1.00	0.00
H									
HETATM	6492	O1	PRP	416	-7.883	22.237	32.049	1.00	0.00
O									
HETATM	6493	H1	PRP	416	-7.005	22.619	31.976	1.00	0.00
H									
HETATM	6494	C1	PRP	416	-7.809	20.823	31.721	1.00	0.00
C									
HETATM	6495	H2	PRP	416	-7.004	20.372	32.302	1.00	0.00
H									

HETATM	6496	H3	PRP	416	-8.779	20.396	31.976	1.00	0.00
H									
HETATM	6497	C2	PRP	416	-7.462	20.502	30.264	1.00	0.00
C									
HETATM	6498	H4	PRP	416	-7.567	19.430	30.095	1.00	0.00
H									
HETATM	6499	O2	PRP	416	-6.112	20.706	30.027	1.00	0.00
O									
HETATM	6500	H5	PRP	416	-5.811	21.523	30.432	1.00	0.00
H									
HETATM	6501	C3	PRP	416	-8.387	21.256	29.274	1.00	0.00
C									
HETATM	6502	H6	PRP	416	-9.418	20.965	29.477	1.00	0.00
H									
HETATM	6503	H7	PRP	416	-8.305	22.305	29.557	1.00	0.00
H									
HETATM	6504	H8	PRP	416	-8.324	21.283	28.186	1.00	0.00
H									
HETATM	6505	O1	PRP	417	5.499	10.311	16.792	1.00	0.00
O									
HETATM	6506	H1	PRP	417	6.438	10.508	16.778	1.00	0.00
H									
HETATM	6507	C1	PRP	417	5.070	9.740	17.981	1.00	0.00
C									
HETATM	6508	H2	PRP	417	4.126	10.205	18.266	1.00	0.00
H									
HETATM	6509	H3	PRP	417	5.143	8.670	17.787	1.00	0.00
H									
HETATM	6510	C2	PRP	417	6.095	10.109	19.087	1.00	0.00
C									
HETATM	6511	H4	PRP	417	6.240	11.189	19.113	1.00	0.00
H									
HETATM	6512	O2	PRP	417	7.413	9.447	18.963	1.00	0.00
O									
HETATM	6513	H5	PRP	417	7.795	9.673	18.112	1.00	0.00
H									
HETATM	6514	C3	PRP	417	5.500	9.706	20.455	1.00	0.00
C									
HETATM	6515	H6	PRP	417	5.051	8.716	20.538	1.00	0.00
H									
HETATM	6516	H7	PRP	417	6.338	9.653	21.150	1.00	0.00
H									
HETATM	6517	H8	PRP	417	4.804	10.511	20.693	1.00	0.00
H									
HETATM	6518	O1	PRP	418	-1.108	10.646	44.461	1.00	0.00
O									
HETATM	6519	H1	PRP	418	-0.711	11.498	44.656	1.00	0.00
H									
HETATM	6520	C1	PRP	418	-0.498	9.714	43.573	1.00	0.00
C									
HETATM	6521	H2	PRP	418	0.556	9.722	43.851	1.00	0.00
H									
HETATM	6522	H3	PRP	418	-1.021	8.765	43.688	1.00	0.00
H									
HETATM	6523	C2	PRP	418	-0.735	10.064	42.126	1.00	0.00
C									

HETATM	6524	H4	PRP	418	-0.414	11.102	42.031	1.00	0.00
H									
HETATM	6525	O2	PRP	418	-2.138	9.987	41.855	1.00	0.00
O									
HETATM	6526	H5	PRP	418	-2.411	10.537	42.593	1.00	0.00
H									
HETATM	6527	C3	PRP	418	0.133	9.272	41.141	1.00	0.00
C									
HETATM	6528	H6	PRP	418	-0.322	9.158	40.156	1.00	0.00
H									
HETATM	6529	H7	PRP	418	1.065	9.820	41.004	1.00	0.00
H									
HETATM	6530	H8	PRP	418	0.278	8.280	41.569	1.00	0.00
H									
HETATM	6531	O1	PRP	419	9.830	16.375	38.465	1.00	0.00
O									
HETATM	6532	H1	PRP	419	10.248	17.198	38.202	1.00	0.00
H									
HETATM	6533	C1	PRP	419	8.706	16.204	37.629	1.00	0.00
C									
HETATM	6534	H2	PRP	419	7.909	15.870	38.293	1.00	0.00
H									
HETATM	6535	H3	PRP	419	8.338	17.145	37.221	1.00	0.00
H									
HETATM	6536	C2	PRP	419	9.047	15.210	36.460	1.00	0.00
C									
HETATM	6537	H4	PRP	419	9.353	14.247	36.871	1.00	0.00
H									
HETATM	6538	O2	PRP	419	10.092	15.837	35.683	1.00	0.00
O									
HETATM	6539	H5	PRP	419	10.937	15.740	36.127	1.00	0.00
H									
HETATM	6540	C3	PRP	419	7.754	14.858	35.709	1.00	0.00
C									
HETATM	6541	H6	PRP	419	7.175	15.719	35.377	1.00	0.00
H									
HETATM	6542	H7	PRP	419	7.903	14.114	34.926	1.00	0.00
H									
HETATM	6543	H8	PRP	419	7.061	14.274	36.315	1.00	0.00
H									
HETATM	6544	O1	PRP	420	10.223	16.888	30.309	1.00	0.00
O									
HETATM	6545	H1	PRP	420	9.364	16.460	30.327	1.00	0.00
H									
HETATM	6546	C1	PRP	420	10.747	17.080	31.597	1.00	0.00
C									
HETATM	6547	H2	PRP	420	11.437	17.916	31.491	1.00	0.00
H									
HETATM	6548	H3	PRP	420	9.935	17.413	32.243	1.00	0.00
H									
HETATM	6549	C2	PRP	420	11.384	15.807	32.213	1.00	0.00
C									
HETATM	6550	H4	PRP	420	11.400	15.902	33.299	1.00	0.00
H									
HETATM	6551	O2	PRP	420	12.721	15.627	31.785	1.00	0.00
O									

HETATM	6552	H5	PRP	420	12.727	15.303	30.881	1.00	0.00
H									
HETATM	6553	C3	PRP	420	10.592	14.517	31.959	1.00	0.00
C									
HETATM	6554	H6	PRP	420	9.569	14.835	32.162	1.00	0.00
H									
HETATM	6555	H7	PRP	420	10.680	14.306	30.893	1.00	0.00
H									
HETATM	6556	H8	PRP	420	10.803	13.738	32.691	1.00	0.00
H									
HETATM	6557	O1	PRP	421	-6.831	6.173	13.636	1.00	0.00
O									
HETATM	6558	H1	PRP	421	-7.494	5.863	13.015	1.00	0.00
H									
HETATM	6559	C1	PRP	421	-7.223	7.490	13.882	1.00	0.00
C									
HETATM	6560	H2	PRP	421	-6.872	8.069	13.028	1.00	0.00
H									
HETATM	6561	H3	PRP	421	-8.305	7.521	14.012	1.00	0.00
H									
HETATM	6562	C2	PRP	421	-6.475	8.052	15.079	1.00	0.00
C									
HETATM	6563	H4	PRP	421	-5.437	7.797	14.865	1.00	0.00
H									
HETATM	6564	O2	PRP	421	-6.902	7.259	16.126	1.00	0.00
O									
HETATM	6565	H5	PRP	421	-6.754	6.340	15.891	1.00	0.00
H									
HETATM	6566	C3	PRP	421	-6.677	9.547	15.365	1.00	0.00
C									
HETATM	6567	H6	PRP	421	-7.647	9.933	15.049	1.00	0.00
H									
HETATM	6568	H7	PRP	421	-6.500	9.792	16.412	1.00	0.00
H									
HETATM	6569	H8	PRP	421	-6.048	10.225	14.789	1.00	0.00
H									
HETATM	6570	O1	PRP	422	2.884	14.358	31.977	1.00	0.00
O									
HETATM	6571	H1	PRP	422	2.409	14.414	32.809	1.00	0.00
H									
HETATM	6572	C1	PRP	422	2.552	13.052	31.469	1.00	0.00
C									
HETATM	6573	H2	PRP	422	2.503	13.143	30.383	1.00	0.00
H									
HETATM	6574	H3	PRP	422	3.327	12.353	31.782	1.00	0.00
H									
HETATM	6575	C2	PRP	422	1.221	12.603	32.138	1.00	0.00
C									
HETATM	6576	H4	PRP	422	0.364	13.234	31.900	1.00	0.00
H									
HETATM	6577	O2	PRP	422	1.395	12.875	33.511	1.00	0.00
O									
HETATM	6578	H5	PRP	422	0.559	12.717	33.955	1.00	0.00
H									
HETATM	6579	C3	PRP	422	0.909	11.134	31.990	1.00	0.00
C									

HETATM	6580	H6	PRP	422	0.089	10.906	32.672	1.00	0.00
H									
HETATM	6581	H7	PRP	422	0.598	10.925	30.966	1.00	0.00
H									
HETATM	6582	H8	PRP	422	1.813	10.568	32.213	1.00	0.00
H									
HETATM	6583	O1	PRP	423	12.658	3.172	28.863	1.00	0.00
O									
HETATM	6584	H1	PRP	423	12.908	3.890	29.449	1.00	0.00
H									
HETATM	6585	C1	PRP	423	11.273	3.115	28.607	1.00	0.00
C									
HETATM	6586	H2	PRP	423	11.030	2.291	27.935	1.00	0.00
H									
HETATM	6587	H3	PRP	423	10.652	3.043	29.500	1.00	0.00
H									
HETATM	6588	C2	PRP	423	10.731	4.385	27.900	1.00	0.00
C									
HETATM	6589	H4	PRP	423	11.448	4.519	27.090	1.00	0.00
H									
HETATM	6590	O2	PRP	423	10.629	5.625	28.613	1.00	0.00
O									
HETATM	6591	H5	PRP	423	11.307	5.654	29.291	1.00	0.00
H									
HETATM	6592	C3	PRP	423	9.429	4.090	27.219	1.00	0.00
C									
HETATM	6593	H6	PRP	423	9.127	4.868	26.518	1.00	0.00
H									
HETATM	6594	H7	PRP	423	9.516	3.070	26.845	1.00	0.00
H									
HETATM	6595	H8	PRP	423	8.686	3.968	28.007	1.00	0.00
H									
HETATM	6596	O1	PRP	424	15.630	3.847	16.875	1.00	0.00
O									
HETATM	6597	H1	PRP	424	15.759	3.087	16.303	1.00	0.00
H									
HETATM	6598	C1	PRP	424	14.219	4.238	16.762	1.00	0.00
C									
HETATM	6599	H2	PRP	424	14.093	5.290	17.016	1.00	0.00
H									
HETATM	6600	H3	PRP	424	13.870	4.135	15.734	1.00	0.00
H									
HETATM	6601	C2	PRP	424	13.406	3.343	17.706	1.00	0.00
C									
HETATM	6602	H4	PRP	424	13.759	3.568	18.713	1.00	0.00
H									
HETATM	6603	O2	PRP	424	13.655	1.967	17.460	1.00	0.00
O									
HETATM	6604	H5	PRP	424	14.589	1.745	17.429	1.00	0.00
H									
HETATM	6605	C3	PRP	424	11.901	3.648	17.598	1.00	0.00
C									
HETATM	6606	H6	PRP	424	11.570	3.412	16.586	1.00	0.00
H									
HETATM	6607	H7	PRP	424	11.372	3.123	18.393	1.00	0.00
H									

HETATM	6608	H8	PRP	424	11.749	4.716	17.755	1.00	0.00
H									
HETATM	6609	O1	PRP	425	16.522	-1.595	26.249	1.00	0.00
O									
HETATM	6610	H1	PRP	425	15.864	-1.488	26.940	1.00	0.00
H									
HETATM	6611	C1	PRP	425	17.157	-2.892	26.279	1.00	0.00
C									
HETATM	6612	H2	PRP	425	16.440	-3.698	26.435	1.00	0.00
H									
HETATM	6613	H3	PRP	425	17.611	-3.057	25.302	1.00	0.00
H									
HETATM	6614	C2	PRP	425	18.242	-3.059	27.426	1.00	0.00
C									
HETATM	6615	H4	PRP	425	18.897	-3.893	27.173	1.00	0.00
H									
HETATM	6616	O2	PRP	425	17.584	-3.267	28.623	1.00	0.00
O									
HETATM	6617	H5	PRP	425	16.920	-2.596	28.797	1.00	0.00
H									
HETATM	6618	C3	PRP	425	19.134	-1.825	27.485	1.00	0.00
C									
HETATM	6619	H6	PRP	425	19.699	-1.712	26.560	1.00	0.00
H									
HETATM	6620	H7	PRP	425	18.611	-0.907	27.753	1.00	0.00
H									
HETATM	6621	H8	PRP	425	19.900	-2.036	28.230	1.00	0.00
H									
HETATM	6622	O1	PRP	426	6.843	1.428	33.800	1.00	0.00
O									
HETATM	6623	H1	PRP	426	6.015	1.035	33.517	1.00	0.00
H									
HETATM	6624	C1	PRP	426	7.466	0.447	34.656	1.00	0.00
C									
HETATM	6625	H2	PRP	426	8.374	0.856	35.098	1.00	0.00
H									
HETATM	6626	H3	PRP	426	6.827	0.259	35.519	1.00	0.00
H									
HETATM	6627	C2	PRP	426	7.747	-0.838	33.849	1.00	0.00
C									
HETATM	6628	H4	PRP	426	8.079	-0.641	32.830	1.00	0.00
H									
HETATM	6629	O2	PRP	426	6.483	-1.531	33.711	1.00	0.00
O									
HETATM	6630	H5	PRP	426	6.009	-0.925	33.137	1.00	0.00
H									
HETATM	6631	C3	PRP	426	8.768	-1.865	34.415	1.00	0.00
C									
HETATM	6632	H6	PRP	426	8.887	-2.714	33.742	1.00	0.00
H									
HETATM	6633	H7	PRP	426	9.733	-1.364	34.490	1.00	0.00
H									
HETATM	6634	H8	PRP	426	8.486	-2.126	35.434	1.00	0.00
H									
HETATM	6635	O1	PRP	427	4.240	-0.856	14.845	1.00	0.00
O									

HETATM	6636	H1	PRP	427	5.140	-0.919	15.171	1.00	0.00
H									
HETATM	6637	C1	PRP	427	3.331	-1.010	15.888	1.00	0.00
C									
HETATM	6638	H2	PRP	427	3.626	-0.314	16.673	1.00	0.00
H									
HETATM	6639	H3	PRP	427	2.365	-0.666	15.519	1.00	0.00
H									
HETATM	6640	C2	PRP	427	3.378	-2.463	16.490	1.00	0.00
C									
HETATM	6641	H4	PRP	427	4.349	-2.930	16.325	1.00	0.00
H									
HETATM	6642	O2	PRP	427	2.474	-3.341	15.786	1.00	0.00
O									
HETATM	6643	H5	PRP	427	2.918	-3.450	14.942	1.00	0.00
H									
HETATM	6644	C3	PRP	427	2.933	-2.542	17.987	1.00	0.00
C									
HETATM	6645	H6	PRP	427	2.031	-1.974	18.214	1.00	0.00
H									
HETATM	6646	H7	PRP	427	2.739	-3.562	18.318	1.00	0.00
H									
HETATM	6647	H8	PRP	427	3.750	-2.071	18.535	1.00	0.00
H									
HETATM	6648	O1	PRP	428	-4.192	10.742	22.962	1.00	0.00
O									
HETATM	6649	H1	PRP	428	-3.529	10.283	23.482	1.00	0.00
H									
HETATM	6650	C1	PRP	428	-3.473	11.419	21.990	1.00	0.00
C									
HETATM	6651	H2	PRP	428	-4.142	12.016	21.371	1.00	0.00
H									
HETATM	6652	H3	PRP	428	-2.717	12.015	22.501	1.00	0.00
H									
HETATM	6653	C2	PRP	428	-2.615	10.404	21.102	1.00	0.00
C									
HETATM	6654	H4	PRP	428	-3.075	9.417	21.039	1.00	0.00
H									
HETATM	6655	O2	PRP	428	-1.366	10.320	21.672	1.00	0.00
O									
HETATM	6656	H5	PRP	428	-1.467	10.317	22.627	1.00	0.00
H									
HETATM	6657	C3	PRP	428	-2.363	10.848	19.605	1.00	0.00
C									
HETATM	6658	H6	PRP	428	-1.844	11.806	19.653	1.00	0.00
H									
HETATM	6659	H7	PRP	428	-1.816	10.060	19.087	1.00	0.00
H									
HETATM	6660	H8	PRP	428	-3.265	11.056	19.029	1.00	0.00
H									
HETATM	6661	O1	PRP	429	23.433	-9.639	24.912	1.00	0.00
O									
HETATM	6662	H1	PRP	429	22.835	-10.210	25.398	1.00	0.00
H									
HETATM	6663	C1	PRP	429	23.034	-9.722	23.560	1.00	0.00
C									

HETATM	6664	H2	PRP	429	22.240	-8.976	23.529	1.00	0.00
H									
HETATM	6665	H3	PRP	429	23.859	-9.394	22.927	1.00	0.00
H									
HETATM	6666	C2	PRP	429	22.576	-11.183	23.358	1.00	0.00
C									
HETATM	6667	H4	PRP	429	22.159	-11.267	22.354	1.00	0.00
H									
HETATM	6668	O2	PRP	429	21.518	-11.491	24.260	1.00	0.00
O									
HETATM	6669	H5	PRP	429	20.885	-12.071	23.831	1.00	0.00
H									
HETATM	6670	C3	PRP	429	23.536	-12.305	23.519	1.00	0.00
C									
HETATM	6671	H6	PRP	429	24.446	-12.196	22.930	1.00	0.00
H									
HETATM	6672	H7	PRP	429	23.858	-12.412	24.556	1.00	0.00
H									
HETATM	6673	H8	PRP	429	22.953	-13.190	23.264	1.00	0.00
H									
HETATM	6674	O1	PRP	430	19.524	-13.899	31.101	1.00	0.00
O									
HETATM	6675	H1	PRP	430	19.329	-14.839	31.098	1.00	0.00
H									
HETATM	6676	C1	PRP	430	18.772	-13.308	32.137	1.00	0.00
C									
HETATM	6677	H2	PRP	430	18.676	-12.245	31.917	1.00	0.00
H									
HETATM	6678	H3	PRP	430	17.812	-13.823	32.180	1.00	0.00
H									
HETATM	6679	C2	PRP	430	19.471	-13.525	33.438	1.00	0.00
C									
HETATM	6680	H4	PRP	430	20.540	-13.316	33.383	1.00	0.00
H									
HETATM	6681	O2	PRP	430	19.364	-14.860	33.841	1.00	0.00
O									
HETATM	6682	H5	PRP	430	18.449	-15.139	33.928	1.00	0.00
H									
HETATM	6683	C3	PRP	430	18.726	-12.613	34.495	1.00	0.00
C									
HETATM	6684	H6	PRP	430	19.168	-12.805	35.473	1.00	0.00
H									
HETATM	6685	H7	PRP	430	18.904	-11.572	34.226	1.00	0.00
H									
HETATM	6686	H8	PRP	430	17.660	-12.831	34.551	1.00	0.00
H									
HETATM	6687	O1	PRP	431	-4.851	5.157	10.553	1.00	0.00
O									
HETATM	6688	H1	PRP	431	-5.511	5.312	9.873	1.00	0.00
H									
HETATM	6689	C1	PRP	431	-3.522	4.756	10.061	1.00	0.00
C									
HETATM	6690	H2	PRP	431	-2.939	5.671	9.957	1.00	0.00
H									
HETATM	6691	H3	PRP	431	-2.923	4.036	10.620	1.00	0.00
H									

HETATM	6692	C2	PRP	431	-3.640	4.175	8.637	1.00	0.00
C									
HETATM	6693	H4	PRP	431	-3.853	5.011	7.971	1.00	0.00
H									
HETATM	6694	O2	PRP	431	-4.719	3.281	8.594	1.00	0.00
O									
HETATM	6695	H5	PRP	431	-4.695	2.677	9.340	1.00	0.00
H									
HETATM	6696	C3	PRP	431	-2.326	3.497	8.173	1.00	0.00
C									
HETATM	6697	H6	PRP	431	-2.619	3.131	7.188	1.00	0.00
H									
HETATM	6698	H7	PRP	431	-1.599	4.305	8.088	1.00	0.00
H									
HETATM	6699	H8	PRP	431	-1.866	2.724	8.788	1.00	0.00
H									
HETATM	6700	O1	PRP	432	11.612	7.382	17.096	1.00	0.00
O									
HETATM	6701	H1	PRP	432	11.264	6.497	17.226	1.00	0.00
H									
HETATM	6702	C1	PRP	432	10.996	8.231	18.017	1.00	0.00
C									
HETATM	6703	H2	PRP	432	11.333	9.263	17.918	1.00	0.00
H									
HETATM	6704	H3	PRP	432	9.938	8.168	17.760	1.00	0.00
H									
HETATM	6705	C2	PRP	432	11.186	7.647	19.451	1.00	0.00
C									
HETATM	6706	H4	PRP	432	12.263	7.498	19.521	1.00	0.00
H									
HETATM	6707	O2	PRP	432	10.417	6.490	19.649	1.00	0.00
O									
HETATM	6708	H5	PRP	432	9.474	6.669	19.630	1.00	0.00
H									
HETATM	6709	C3	PRP	432	10.810	8.631	20.537	1.00	0.00
C									
HETATM	6710	H6	PRP	432	10.937	8.157	21.510	1.00	0.00
H									
HETATM	6711	H7	PRP	432	11.398	9.549	20.555	1.00	0.00
H									
HETATM	6712	H8	PRP	432	9.752	8.889	20.479	1.00	0.00
H									
HETATM	6713	O1	PRP	433	-13.610	13.711	30.369	1.00	0.00
O									
HETATM	6714	H1	PRP	433	-12.661	13.578	30.426	1.00	0.00
H									
HETATM	6715	C1	PRP	433	-13.821	14.965	29.755	1.00	0.00
C									
HETATM	6716	H2	PRP	433	-14.904	15.092	29.750	1.00	0.00
H									
HETATM	6717	H3	PRP	433	-13.413	15.767	30.370	1.00	0.00
H									
HETATM	6718	C2	PRP	433	-13.358	15.049	28.339	1.00	0.00
C									
HETATM	6719	H4	PRP	433	-13.652	14.195	27.728	1.00	0.00
H									

HETATM	6720	O2	PRP	433	-11.991	15.243	28.502	1.00	0.00
O									
HETATM	6721	H5	PRP	433	-11.501	15.163	27.681	1.00	0.00
H									
HETATM	6722	C3	PRP	433	-13.782	16.392	27.715	1.00	0.00
C									
HETATM	6723	H6	PRP	433	-13.480	16.360	26.668	1.00	0.00
H									
HETATM	6724	H7	PRP	433	-14.850	16.605	27.762	1.00	0.00
H									
HETATM	6725	H8	PRP	433	-13.391	17.267	28.234	1.00	0.00
H									
HETATM	6726	O1	PRP	434	-8.897	30.692	26.925	1.00	0.00
O									
HETATM	6727	H1	PRP	434	-9.843	30.846	26.971	1.00	0.00
H									
HETATM	6728	C1	PRP	434	-8.266	31.315	27.968	1.00	0.00
C									
HETATM	6729	H2	PRP	434	-8.747	32.286	28.088	1.00	0.00
H									
HETATM	6730	H3	PRP	434	-8.361	30.810	28.929	1.00	0.00
H									
HETATM	6731	C2	PRP	434	-6.784	31.448	27.774	1.00	0.00
C									
HETATM	6732	H4	PRP	434	-6.513	32.216	27.050	1.00	0.00
H									
HETATM	6733	O2	PRP	434	-6.306	30.282	27.185	1.00	0.00
O									
HETATM	6734	H5	PRP	434	-6.917	30.109	26.465	1.00	0.00
H									
HETATM	6735	C3	PRP	434	-6.020	31.673	29.093	1.00	0.00
C									
HETATM	6736	H6	PRP	434	-6.634	32.177	29.839	1.00	0.00
H									
HETATM	6737	H7	PRP	434	-5.780	30.698	29.516	1.00	0.00
H									
HETATM	6738	H8	PRP	434	-5.132	32.288	28.947	1.00	0.00
H									
HETATM	6739	O1	PRP	435	-4.280	13.155	35.919	1.00	0.00
O									
HETATM	6740	H1	PRP	435	-4.443	13.831	36.581	1.00	0.00
H									
HETATM	6741	C1	PRP	435	-3.623	13.797	34.789	1.00	0.00
C									
HETATM	6742	H2	PRP	435	-4.459	13.933	34.102	1.00	0.00
H									
HETATM	6743	H3	PRP	435	-3.177	14.758	35.046	1.00	0.00
H									
HETATM	6744	C2	PRP	435	-2.600	12.790	34.106	1.00	0.00
C									
HETATM	6745	H4	PRP	435	-2.744	11.748	34.393	1.00	0.00
H									
HETATM	6746	O2	PRP	435	-1.347	13.186	34.513	1.00	0.00
O									
HETATM	6747	H5	PRP	435	-1.232	12.935	35.433	1.00	0.00
H									

HETATM	6748	C3	PRP	435	-2.857	12.915	32.616	1.00	0.00
C									
HETATM	6749	H6	PRP	435	-2.610	13.929	32.301	1.00	0.00
H									
HETATM	6750	H7	PRP	435	-2.199	12.271	32.033	1.00	0.00
H									
HETATM	6751	H8	PRP	435	-3.864	12.601	32.341	1.00	0.00
H									
HETATM	6752	O1	PRP	436	9.006	2.785	32.774	1.00	0.00
O									
HETATM	6753	H1	PRP	436	8.161	2.691	33.220	1.00	0.00
H									
HETATM	6754	C1	PRP	436	8.809	2.040	31.568	1.00	0.00
C									
HETATM	6755	H2	PRP	436	9.749	1.928	31.027	1.00	0.00
H									
HETATM	6756	H3	PRP	436	8.538	0.993	31.706	1.00	0.00
H									
HETATM	6757	C2	PRP	436	7.868	2.598	30.445	1.00	0.00
C									
HETATM	6758	H4	PRP	436	8.221	3.590	30.162	1.00	0.00
H									
HETATM	6759	O2	PRP	436	6.675	2.698	31.108	1.00	0.00
O									
HETATM	6760	H5	PRP	436	6.787	3.425	31.725	1.00	0.00
H									
HETATM	6761	C3	PRP	436	7.595	1.570	29.382	1.00	0.00
C									
HETATM	6762	H6	PRP	436	7.280	0.616	29.803	1.00	0.00
H									
HETATM	6763	H7	PRP	436	6.807	2.064	28.813	1.00	0.00
H									
HETATM	6764	H8	PRP	436	8.542	1.407	28.868	1.00	0.00
H									
HETATM	6765	O1	PRP	437	1.260	10.940	27.280	1.00	0.00
O									
HETATM	6766	H1	PRP	437	1.625	10.169	27.721	1.00	0.00
H									
HETATM	6767	C1	PRP	437	0.770	11.724	28.366	1.00	0.00
C									
HETATM	6768	H2	PRP	437	0.017	11.055	28.782	1.00	0.00
H									
HETATM	6769	H3	PRP	437	1.511	12.131	29.053	1.00	0.00
H									
HETATM	6770	C2	PRP	437	-0.092	12.857	27.814	1.00	0.00
C									
HETATM	6771	H4	PRP	437	-0.961	12.417	27.323	1.00	0.00
H									
HETATM	6772	O2	PRP	437	0.611	13.767	26.930	1.00	0.00
O									
HETATM	6773	H5	PRP	437	0.560	13.354	26.065	1.00	0.00
H									
HETATM	6774	C3	PRP	437	-0.712	13.660	28.934	1.00	0.00
C									
HETATM	6775	H6	PRP	437	-1.441	14.303	28.440	1.00	0.00
H									

HETATM	6776	H7	PRP	437	-1.093	12.871	29.582	1.00	0.00
H									
HETATM	6777	H8	PRP	437	0.035	14.246	29.469	1.00	0.00
H									
HETATM	6778	O1	PRP	438	14.151	1.903	34.146	1.00	0.00
O									
HETATM	6779	H1	PRP	438	13.468	2.486	34.483	1.00	0.00
H									
HETATM	6780	C1	PRP	438	13.616	1.571	32.876	1.00	0.00
C									
HETATM	6781	H2	PRP	438	14.126	2.085	32.061	1.00	0.00
H									
HETATM	6782	H3	PRP	438	13.795	0.515	32.672	1.00	0.00
H									
HETATM	6783	C2	PRP	438	12.155	1.748	32.748	1.00	0.00
C									
HETATM	6784	H4	PRP	438	12.009	1.442	31.712	1.00	0.00
H									
HETATM	6785	O2	PRP	438	11.822	3.123	32.958	1.00	0.00
O									
HETATM	6786	H5	PRP	438	10.865	3.136	32.889	1.00	0.00
H									
HETATM	6787	C3	PRP	438	11.399	0.934	33.767	1.00	0.00
C									
HETATM	6788	H6	PRP	438	11.325	1.306	34.789	1.00	0.00
H									
HETATM	6789	H7	PRP	438	10.371	0.866	33.410	1.00	0.00
H									
HETATM	6790	H8	PRP	438	11.644	-0.123	33.876	1.00	0.00
H									
HETATM	6791	O1	PRP	439	17.634	0.747	31.859	1.00	0.00
O									
HETATM	6792	H1	PRP	439	17.228	1.613	31.780	1.00	0.00
H									
HETATM	6793	C1	PRP	439	17.275	0.127	33.068	1.00	0.00
C									
HETATM	6794	H2	PRP	439	16.214	-0.124	33.062	1.00	0.00
H									
HETATM	6795	H3	PRP	439	17.748	-0.854	33.106	1.00	0.00
H									
HETATM	6796	C2	PRP	439	17.402	0.838	34.405	1.00	0.00
C									
HETATM	6797	H4	PRP	439	16.848	0.286	35.164	1.00	0.00
H									
HETATM	6798	O2	PRP	439	16.828	2.155	34.347	1.00	0.00
O									
HETATM	6799	H5	PRP	439	15.870	2.151	34.278	1.00	0.00
H									
HETATM	6800	C3	PRP	439	18.885	0.973	34.718	1.00	0.00
C									
HETATM	6801	H6	PRP	439	19.341	-0.016	34.755	1.00	0.00
H									
HETATM	6802	H7	PRP	439	19.501	1.556	34.032	1.00	0.00
H									
HETATM	6803	H8	PRP	439	19.027	1.441	35.692	1.00	0.00
H									

HETATM	6804	O1	PRP	440	0.979	6.997	30.503	1.00	0.00
O									
HETATM	6805	H1	PRP	440	0.745	6.157	30.101	1.00	0.00
H									
HETATM	6806	C1	PRP	440	-0.149	7.757	30.937	1.00	0.00
C									
HETATM	6807	H2	PRP	440	-0.753	7.143	31.604	1.00	0.00
H									
HETATM	6808	H3	PRP	440	0.174	8.694	31.390	1.00	0.00
H									
HETATM	6809	C2	PRP	440	-0.982	8.085	29.646	1.00	0.00
C									
HETATM	6810	H4	PRP	440	-1.446	7.183	29.247	1.00	0.00
H									
HETATM	6811	O2	PRP	440	-0.129	8.569	28.676	1.00	0.00
O									
HETATM	6812	H5	PRP	440	0.745	8.278	28.947	1.00	0.00
H									
HETATM	6813	C3	PRP	440	-2.152	9.044	29.969	1.00	0.00
C									
HETATM	6814	H6	PRP	440	-2.734	9.117	29.050	1.00	0.00
H									
HETATM	6815	H7	PRP	440	-2.791	8.631	30.749	1.00	0.00
H									
HETATM	6816	H8	PRP	440	-1.757	10.043	30.151	1.00	0.00
H									
HETATM	6817	O1	PRP	441	0.368	18.259	32.191	1.00	0.00
O									
HETATM	6818	H1	PRP	441	-0.031	17.719	32.877	1.00	0.00
H									
HETATM	6819	C1	PRP	441	1.558	17.597	31.922	1.00	0.00
C									
HETATM	6820	H2	PRP	441	2.333	18.058	32.534	1.00	0.00
H									
HETATM	6821	H3	PRP	441	1.500	16.523	32.098	1.00	0.00
H									
HETATM	6822	C2	PRP	441	1.896	17.866	30.447	1.00	0.00
C									
HETATM	6823	H4	PRP	441	2.917	17.648	30.137	1.00	0.00
H									
HETATM	6824	O2	PRP	441	1.487	19.221	30.025	1.00	0.00
O									
HETATM	6825	H5	PRP	441	1.107	19.701	30.765	1.00	0.00
H									
HETATM	6826	C3	PRP	441	1.130	16.960	29.558	1.00	0.00
C									
HETATM	6827	H6	PRP	441	1.559	15.970	29.714	1.00	0.00
H									
HETATM	6828	H7	PRP	441	0.091	16.965	29.886	1.00	0.00
H									
HETATM	6829	H8	PRP	441	1.167	17.367	28.547	1.00	0.00
H									
HETATM	6830	O1	PRP	442	14.630	6.417	20.888	1.00	0.00
O									
HETATM	6831	H1	PRP	442	15.170	5.625	20.834	1.00	0.00
H									

HETATM	6832	C1	PRP	442	15.378	7.349	21.710	1.00	0.00
C									
HETATM	6833	H2	PRP	442	14.800	8.271	21.655	1.00	0.00
H									
HETATM	6834	H3	PRP	442	15.543	6.938	22.706	1.00	0.00
H									
HETATM	6835	C2	PRP	442	16.695	7.631	21.175	1.00	0.00
C									
HETATM	6836	H4	PRP	442	16.581	7.908	20.127	1.00	0.00
H									
HETATM	6837	O2	PRP	442	17.478	6.514	21.273	1.00	0.00
O									
HETATM	6838	H5	PRP	442	17.041	5.943	20.638	1.00	0.00
H									
HETATM	6839	C3	PRP	442	17.479	8.653	21.976	1.00	0.00
C									
HETATM	6840	H6	PRP	442	16.899	9.560	21.804	1.00	0.00
H									
HETATM	6841	H7	PRP	442	17.403	8.550	23.059	1.00	0.00
H									
HETATM	6842	H8	PRP	442	18.492	8.704	21.577	1.00	0.00
H									
HETATM	6843	O1	PRP	443	-5.567	3.594	34.260	1.00	0.00
O									
HETATM	6844	H1	PRP	443	-5.499	2.678	34.539	1.00	0.00
H									
HETATM	6845	C1	PRP	443	-4.411	3.712	33.497	1.00	0.00
C									
HETATM	6846	H2	PRP	443	-4.431	2.992	32.680	1.00	0.00
H									
HETATM	6847	H3	PRP	443	-4.473	4.637	32.924	1.00	0.00
H									
HETATM	6848	C2	PRP	443	-3.081	3.705	34.314	1.00	0.00
C									
HETATM	6849	H4	PRP	443	-2.821	2.769	34.808	1.00	0.00
H									
HETATM	6850	O2	PRP	443	-3.205	4.729	35.340	1.00	0.00
O									
HETATM	6851	H5	PRP	443	-3.212	5.560	34.859	1.00	0.00
H									
HETATM	6852	C3	PRP	443	-1.941	4.142	33.407	1.00	0.00
C									
HETATM	6853	H6	PRP	443	-1.068	4.503	33.951	1.00	0.00
H									
HETATM	6854	H7	PRP	443	-1.545	3.353	32.767	1.00	0.00
H									
HETATM	6855	H8	PRP	443	-2.303	4.955	32.778	1.00	0.00
H									
HETATM	6856	O1	PRP	444	-6.142	4.822	4.777	1.00	0.00
O									
HETATM	6857	H1	PRP	444	-6.231	3.897	5.016	1.00	0.00
H									
HETATM	6858	C1	PRP	444	-7.097	5.453	5.492	1.00	0.00
C									
HETATM	6859	H2	PRP	444	-7.187	6.507	5.229	1.00	0.00
H									

HETATM	6860	H3	PRP	444	-8.014	4.916	5.246	1.00	0.00
H									
HETATM	6861	C2	PRP	444	-6.972	5.365	7.019	1.00	0.00
C									
HETATM	6862	H4	PRP	444	-6.042	5.794	7.390	1.00	0.00
H									
HETATM	6863	O2	PRP	444	-7.071	3.992	7.460	1.00	0.00
O									
HETATM	6864	H5	PRP	444	-6.298	3.718	7.960	1.00	0.00
H									
HETATM	6865	C3	PRP	444	-8.177	6.126	7.657	1.00	0.00
C									
HETATM	6866	H6	PRP	444	-9.062	5.497	7.759	1.00	0.00
H									
HETATM	6867	H7	PRP	444	-7.791	6.447	8.625	1.00	0.00
H									
HETATM	6868	H8	PRP	444	-8.384	7.043	7.106	1.00	0.00
H									
HETATM	6869	O1	PRP	445	7.741	9.111	30.248	1.00	0.00
O									
HETATM	6870	H1	PRP	445	7.945	8.723	29.393	1.00	0.00
H									
HETATM	6871	C1	PRP	445	7.583	10.449	30.116	1.00	0.00
C									
HETATM	6872	H2	PRP	445	7.488	10.768	29.079	1.00	0.00
H									
HETATM	6873	H3	PRP	445	6.759	10.784	30.746	1.00	0.00
H									
HETATM	6874	C2	PRP	445	8.879	11.199	30.670	1.00	0.00
C									
HETATM	6875	H4	PRP	445	8.619	12.257	30.705	1.00	0.00
H									
HETATM	6876	O2	PRP	445	10.045	10.961	29.830	1.00	0.00
O									
HETATM	6877	H5	PRP	445	9.933	10.278	29.165	1.00	0.00
H									
HETATM	6878	C3	PRP	445	9.305	10.865	32.133	1.00	0.00
C									
HETATM	6879	H6	PRP	445	9.506	9.812	32.331	1.00	0.00
H									
HETATM	6880	H7	PRP	445	10.097	11.511	32.512	1.00	0.00
H									
HETATM	6881	H8	PRP	445	8.492	11.160	32.796	1.00	0.00
H									
HETATM	6882	O1	PRP	446	15.095	-1.182	19.040	1.00	0.00
O									
HETATM	6883	H1	PRP	446	14.140	-1.150	19.135	1.00	0.00
H									
HETATM	6884	C1	PRP	446	15.486	-2.502	19.197	1.00	0.00
C									
HETATM	6885	H2	PRP	446	15.243	-3.061	18.293	1.00	0.00
H									
HETATM	6886	H3	PRP	446	16.557	-2.550	19.392	1.00	0.00
H									
HETATM	6887	C2	PRP	446	14.867	-3.083	20.442	1.00	0.00
C									

HETATM	6888	H4	PRP	446	15.345	-4.061	20.495	1.00	0.00
H									
HETATM	6889	O2	PRP	446	13.543	-3.270	20.148	1.00	0.00
O									
HETATM	6890	H5	PRP	446	13.445	-3.718	19.305	1.00	0.00
H									
HETATM	6891	C3	PRP	446	15.125	-2.254	21.783	1.00	0.00
C									
HETATM	6892	H6	PRP	446	14.724	-1.244	21.692	1.00	0.00
H									
HETATM	6893	H7	PRP	446	14.521	-2.707	22.569	1.00	0.00
H									
HETATM	6894	H8	PRP	446	16.183	-2.175	22.030	1.00	0.00
H									
HETATM	6895	O1	PRP	447	5.189	15.629	16.325	1.00	0.00
O									
HETATM	6896	H1	PRP	447	4.475	15.730	16.958	1.00	0.00
H									
HETATM	6897	C1	PRP	447	5.376	14.184	16.312	1.00	0.00
C									
HETATM	6898	H2	PRP	447	4.505	13.744	15.826	1.00	0.00
H									
HETATM	6899	H3	PRP	447	6.266	13.858	15.773	1.00	0.00
H									
HETATM	6900	C2	PRP	447	5.236	13.677	17.733	1.00	0.00
C									
HETATM	6901	H4	PRP	447	5.261	12.612	17.502	1.00	0.00
H									
HETATM	6902	O2	PRP	447	3.928	13.945	18.259	1.00	0.00
O									
HETATM	6903	H5	PRP	447	3.776	13.558	19.124	1.00	0.00
H									
HETATM	6904	C3	PRP	447	6.224	14.058	18.768	1.00	0.00
C									
HETATM	6905	H6	PRP	447	5.968	15.068	19.086	1.00	0.00
H									
HETATM	6906	H7	PRP	447	6.185	13.378	19.619	1.00	0.00
H									
HETATM	6907	H8	PRP	447	7.226	13.995	18.343	1.00	0.00
H									
HETATM	6908	O1	PRP	448	-5.519	14.597	3.551	1.00	0.00
O									
HETATM	6909	H1	PRP	448	-5.752	15.522	3.443	1.00	0.00
H									
HETATM	6910	C1	PRP	448	-4.389	14.558	4.401	1.00	0.00
C									
HETATM	6911	H2	PRP	448	-3.630	15.070	3.809	1.00	0.00
H									
HETATM	6912	H3	PRP	448	-4.443	15.045	5.375	1.00	0.00
H									
HETATM	6913	C2	PRP	448	-3.860	13.134	4.496	1.00	0.00
C									
HETATM	6914	H4	PRP	448	-2.817	13.119	4.811	1.00	0.00
H									
HETATM	6915	O2	PRP	448	-4.103	12.459	3.333	1.00	0.00
O									

HETATM	6916	H5	PRP	448	-4.867	12.943	3.012	1.00	0.00
H									
HETATM	6917	C3	PRP	448	-4.684	12.301	5.560	1.00	0.00
C									
HETATM	6918	H6	PRP	448	-4.655	12.767	6.545	1.00	0.00
H									
HETATM	6919	H7	PRP	448	-5.734	12.429	5.294	1.00	0.00
H									
HETATM	6920	H8	PRP	448	-4.461	11.235	5.578	1.00	0.00
H									
HETATM	6921	O1	PRP	449	7.866	4.280	23.567	1.00	0.00
O									
HETATM	6922	H1	PRP	449	7.156	3.649	23.706	1.00	0.00
H									
HETATM	6923	C1	PRP	449	7.482	5.324	22.770	1.00	0.00
C									
HETATM	6924	H2	PRP	449	8.240	5.318	21.987	1.00	0.00
H									
HETATM	6925	H3	PRP	449	6.615	5.146	22.134	1.00	0.00
H									
HETATM	6926	C2	PRP	449	7.528	6.575	23.615	1.00	0.00
C									
HETATM	6927	H4	PRP	449	8.330	6.566	24.353	1.00	0.00
H									
HETATM	6928	O2	PRP	449	6.337	6.700	24.258	1.00	0.00
O									
HETATM	6929	H5	PRP	449	6.147	5.917	24.780	1.00	0.00
H									
HETATM	6930	C3	PRP	449	7.731	7.729	22.630	1.00	0.00
C									
HETATM	6931	H6	PRP	449	8.748	7.693	22.240	1.00	0.00
H									
HETATM	6932	H7	PRP	449	7.019	7.796	21.807	1.00	0.00
H									
HETATM	6933	H8	PRP	449	7.607	8.632	23.228	1.00	0.00
H									
HETATM	6934	O1	PRP	450	7.441	6.840	19.499	1.00	0.00
O									
HETATM	6935	H1	PRP	450	7.248	7.779	19.456	1.00	0.00
H									
HETATM	6936	C1	PRP	450	7.027	6.265	18.211	1.00	0.00
C									
HETATM	6937	H2	PRP	450	6.098	6.555	17.719	1.00	0.00
H									
HETATM	6938	H3	PRP	450	7.776	6.516	17.460	1.00	0.00
H									
HETATM	6939	C2	PRP	450	7.005	4.704	18.371	1.00	0.00
C									
HETATM	6940	H4	PRP	450	6.676	4.211	17.456	1.00	0.00
H									
HETATM	6941	O2	PRP	450	6.184	4.320	19.433	1.00	0.00
O									
HETATM	6942	H5	PRP	450	6.244	4.988	20.119	1.00	0.00
H									
HETATM	6943	C3	PRP	450	8.390	4.142	18.656	1.00	0.00
C									

HETATM	6944	H6	PRP	450	9.138	4.634	18.033	1.00	0.00
H									
HETATM	6945	H7	PRP	450	8.718	4.200	19.693	1.00	0.00
H									
HETATM	6946	H8	PRP	450	8.338	3.076	18.437	1.00	0.00
H									
HETATM	6947	O1	PRP	451	12.122	27.370	47.161	1.00	0.00
O									
HETATM	6948	H1	PRP	451	11.183	27.428	46.967	1.00	0.00
H									
HETATM	6949	C1	PRP	451	12.919	26.958	46.052	1.00	0.00
C									
HETATM	6950	H2	PRP	451	13.479	27.825	45.700	1.00	0.00
H									
HETATM	6951	H3	PRP	451	13.606	26.175	46.372	1.00	0.00
H									
HETATM	6952	C2	PRP	451	12.029	26.480	44.891	1.00	0.00
C									
HETATM	6953	H4	PRP	451	12.705	26.267	44.063	1.00	0.00
H									
HETATM	6954	O2	PRP	451	11.049	27.450	44.548	1.00	0.00
O									
HETATM	6955	H5	PRP	451	11.509	28.068	43.975	1.00	0.00
H									
HETATM	6956	C3	PRP	451	11.243	25.158	45.108	1.00	0.00
C									
HETATM	6957	H6	PRP	451	10.586	25.066	44.243	1.00	0.00
H									
HETATM	6958	H7	PRP	451	11.745	24.191	45.144	1.00	0.00
H									
HETATM	6959	H8	PRP	451	10.684	25.223	46.041	1.00	0.00
H									
HETATM	6960	O1	PRP	452	25.917	25.131	35.758	1.00	0.00
O									
HETATM	6961	H1	PRP	452	26.360	24.429	35.276	1.00	0.00
H									
HETATM	6962	C1	PRP	452	25.531	25.969	34.715	1.00	0.00
C									
HETATM	6963	H2	PRP	452	24.923	26.806	35.058	1.00	0.00
H									
HETATM	6964	H3	PRP	452	26.419	26.456	34.311	1.00	0.00
H									
HETATM	6965	C2	PRP	452	24.880	25.184	33.601	1.00	0.00
C									
HETATM	6966	H4	PRP	452	24.085	24.589	34.051	1.00	0.00
H									
HETATM	6967	O2	PRP	452	25.746	24.199	33.038	1.00	0.00
O									
HETATM	6968	H5	PRP	452	25.293	23.650	32.394	1.00	0.00
H									
HETATM	6969	C3	PRP	452	24.348	26.071	32.454	1.00	0.00
C									
HETATM	6970	H6	PRP	452	25.129	26.773	32.163	1.00	0.00
H									
HETATM	6971	H7	PRP	452	23.917	25.479	31.647	1.00	0.00
H									

HETATM	6972	H8	PRP	452	23.538	26.523	33.026	1.00	0.00
H									
HETATM	6973	O1	PRP	453	9.545	27.973	51.561	1.00	0.00
O									
HETATM	6974	H1	PRP	453	9.826	28.695	52.127	1.00	0.00
H									
HETATM	6975	C1	PRP	453	9.200	26.816	52.224	1.00	0.00
C									
HETATM	6976	H2	PRP	453	9.242	25.989	51.515	1.00	0.00
H									
HETATM	6977	H3	PRP	453	9.971	26.768	52.993	1.00	0.00
H									
HETATM	6978	C2	PRP	453	7.878	26.836	52.931	1.00	0.00
C									
HETATM	6979	H4	PRP	453	8.033	25.984	53.592	1.00	0.00
H									
HETATM	6980	O2	PRP	453	6.842	26.546	52.045	1.00	0.00
O									
HETATM	6981	H5	PRP	453	7.010	26.663	51.108	1.00	0.00
H									
HETATM	6982	C3	PRP	453	7.534	28.058	53.795	1.00	0.00
C									
HETATM	6983	H6	PRP	453	7.660	28.975	53.219	1.00	0.00
H									
HETATM	6984	H7	PRP	453	6.525	28.057	54.207	1.00	0.00
H									
HETATM	6985	H8	PRP	453	8.225	28.078	54.637	1.00	0.00
H									
HETATM	6986	O1	PRP	454	22.784	36.987	44.099	1.00	0.00
O									
HETATM	6987	H1	PRP	454	22.545	37.290	44.979	1.00	0.00
H									
HETATM	6988	C1	PRP	454	23.329	35.757	44.309	1.00	0.00
C									
HETATM	6989	H2	PRP	454	22.962	35.111	43.511	1.00	0.00
H									
HETATM	6990	H3	PRP	454	24.408	35.868	44.196	1.00	0.00
H									
HETATM	6991	C2	PRP	454	23.078	35.369	45.762	1.00	0.00
C									
HETATM	6992	H4	PRP	454	22.007	35.240	45.915	1.00	0.00
H									
HETATM	6993	O2	PRP	454	23.576	36.490	46.537	1.00	0.00
O									
HETATM	6994	H5	PRP	454	24.535	36.471	46.504	1.00	0.00
H									
HETATM	6995	C3	PRP	454	23.833	34.068	46.080	1.00	0.00
C									
HETATM	6996	H6	PRP	454	23.641	33.768	47.110	1.00	0.00
H									
HETATM	6997	H7	PRP	454	23.542	33.292	45.372	1.00	0.00
H									
HETATM	6998	H8	PRP	454	24.899	34.265	45.971	1.00	0.00
H									
HETATM	6999	O1	PRP	455	29.027	37.437	34.984	1.00	0.00
O									

HETATM	7000	H1	PRP	455	28.212	36.943	34.865	1.00	0.00
H									
HETATM	7001	C1	PRP	455	29.939	36.472	35.498	1.00	0.00
C									
HETATM	7002	H2	PRP	455	29.889	36.483	36.587	1.00	0.00
H									
HETATM	7003	H3	PRP	455	29.626	35.456	35.258	1.00	0.00
H									
HETATM	7004	C2	PRP	455	31.342	36.920	35.005	1.00	0.00
C									
HETATM	7005	H4	PRP	455	31.402	38.000	35.132	1.00	0.00
H									
HETATM	7006	O2	PRP	455	31.699	36.476	33.679	1.00	0.00
O									
HETATM	7007	H5	PRP	455	31.061	36.932	33.125	1.00	0.00
H									
HETATM	7008	C3	PRP	455	32.378	36.164	35.902	1.00	0.00
C									
HETATM	7009	H6	PRP	455	32.271	36.514	36.929	1.00	0.00
H									
HETATM	7010	H7	PRP	455	32.260	35.085	35.801	1.00	0.00
H									
HETATM	7011	H8	PRP	455	33.409	36.401	35.638	1.00	0.00
H									
HETATM	7012	O1	PRP	456	46.026	45.002	40.445	1.00	0.00
O									
HETATM	7013	H1	PRP	456	46.790	45.367	40.898	1.00	0.00
H									
HETATM	7014	C1	PRP	456	46.149	45.478	39.118	1.00	0.00
C									
HETATM	7015	H2	PRP	456	46.429	46.531	39.139	1.00	0.00
H									
HETATM	7016	H3	PRP	456	46.855	44.798	38.640	1.00	0.00
H									
HETATM	7017	C2	PRP	456	44.793	45.359	38.371	1.00	0.00
C									
HETATM	7018	H4	PRP	456	44.802	46.005	37.494	1.00	0.00
H									
HETATM	7019	O2	PRP	456	43.727	45.893	39.140	1.00	0.00
O									
HETATM	7020	H5	PRP	456	44.052	45.836	40.042	1.00	0.00
H									
HETATM	7021	C3	PRP	456	44.488	43.871	37.978	1.00	0.00
C									
HETATM	7022	H6	PRP	456	43.721	44.041	37.222	1.00	0.00
H									
HETATM	7023	H7	PRP	456	45.326	43.521	37.376	1.00	0.00
H									
HETATM	7024	H8	PRP	456	44.194	43.215	38.797	1.00	0.00
H									
HETATM	7025	O1	PRP	457	36.878	57.593	41.938	1.00	0.00
O									
HETATM	7026	H1	PRP	457	35.933	57.440	42.006	1.00	0.00
H									
HETATM	7027	C1	PRP	457	37.495	57.471	43.227	1.00	0.00
C									

HETATM	7028	H2	PRP	457	38.422	58.043	43.229	1.00	0.00
H									
HETATM	7029	H3	PRP	457	37.044	58.077	44.012	1.00	0.00
H									
HETATM	7030	C2	PRP	457	37.687	55.993	43.622	1.00	0.00
C									
HETATM	7031	H4	PRP	457	38.475	55.599	42.980	1.00	0.00
H									
HETATM	7032	O2	PRP	457	36.476	55.220	43.657	1.00	0.00
O									
HETATM	7033	H5	PRP	457	35.937	55.762	43.075	1.00	0.00
H									
HETATM	7034	C3	PRP	457	38.216	55.955	45.048	1.00	0.00
C									
HETATM	7035	H6	PRP	457	38.513	54.938	45.304	1.00	0.00
H									
HETATM	7036	H7	PRP	457	39.061	56.644	45.060	1.00	0.00
H									
HETATM	7037	H8	PRP	457	37.435	56.301	45.724	1.00	0.00
H									
HETATM	7038	O1	PRP	458	5.580	22.444	43.977	1.00	0.00
O									
HETATM	7039	H1	PRP	458	4.922	21.746	44.015	1.00	0.00
H									
HETATM	7040	C1	PRP	458	5.501	23.065	45.228	1.00	0.00
C									
HETATM	7041	H2	PRP	458	4.542	22.988	45.740	1.00	0.00
H									
HETATM	7042	H3	PRP	458	6.166	22.540	45.914	1.00	0.00
H									
HETATM	7043	C2	PRP	458	6.073	24.520	45.052	1.00	0.00
C									
HETATM	7044	H4	PRP	458	5.899	25.072	45.976	1.00	0.00
H									
HETATM	7045	O2	PRP	458	5.434	25.269	44.058	1.00	0.00
O									
HETATM	7046	H5	PRP	458	5.252	24.686	43.318	1.00	0.00
H									
HETATM	7047	C3	PRP	458	7.568	24.467	44.744	1.00	0.00
C									
HETATM	7048	H6	PRP	458	7.694	24.136	43.713	1.00	0.00
H									
HETATM	7049	H7	PRP	458	7.933	25.493	44.697	1.00	0.00
H									
HETATM	7050	H8	PRP	458	8.155	23.883	45.453	1.00	0.00
H									
HETATM	7051	O1	PRP	459	14.883	19.831	42.090	1.00	0.00
O									
HETATM	7052	H1	PRP	459	14.571	18.935	42.235	1.00	0.00
H									
HETATM	7053	C1	PRP	459	14.736	20.443	43.316	1.00	0.00
C									
HETATM	7054	H2	PRP	459	13.703	20.780	43.225	1.00	0.00
H									
HETATM	7055	H3	PRP	459	14.927	19.652	44.041	1.00	0.00
H									

HETATM	7056	C2	PRP	459	15.635	21.660	43.705	1.00	0.00
C									
HETATM	7057	H4	PRP	459	15.416	21.977	44.725	1.00	0.00
H									
HETATM	7058	O2	PRP	459	15.302	22.715	42.837	1.00	0.00
O									
HETATM	7059	H5	PRP	459	15.071	22.267	42.020	1.00	0.00
H									
HETATM	7060	C3	PRP	459	17.059	21.289	43.724	1.00	0.00
C									
HETATM	7061	H6	PRP	459	17.347	20.405	44.292	1.00	0.00
H									
HETATM	7062	H7	PRP	459	17.321	21.071	42.689	1.00	0.00
H									
HETATM	7063	H8	PRP	459	17.649	22.163	44.001	1.00	0.00
H									
HETATM	7064	O1	PRP	460	27.476	25.152	43.678	1.00	0.00
O									
HETATM	7065	H1	PRP	460	27.800	24.429	43.136	1.00	0.00
H									
HETATM	7066	C1	PRP	460	26.783	26.081	42.814	1.00	0.00
C									
HETATM	7067	H2	PRP	460	27.437	26.572	42.094	1.00	0.00
H									
HETATM	7068	H3	PRP	460	25.917	25.618	42.341	1.00	0.00
H									
HETATM	7069	C2	PRP	460	26.124	27.205	43.649	1.00	0.00
C									
HETATM	7070	H4	PRP	460	25.746	27.978	42.980	1.00	0.00
H									
HETATM	7071	O2	PRP	460	27.230	27.668	44.514	1.00	0.00
O									
HETATM	7072	H5	PRP	460	27.583	26.881	44.935	1.00	0.00
H									
HETATM	7073	C3	PRP	460	24.981	26.640	44.438	1.00	0.00
C									
HETATM	7074	H6	PRP	460	24.361	27.512	44.641	1.00	0.00
H									
HETATM	7075	H7	PRP	460	24.326	25.973	43.877	1.00	0.00
H									
HETATM	7076	H8	PRP	460	25.476	26.124	45.261	1.00	0.00
H									
HETATM	7077	O1	PRP	461	32.110	30.943	33.687	1.00	0.00
O									
HETATM	7078	H1	PRP	461	32.584	31.246	32.909	1.00	0.00
H									
HETATM	7079	C1	PRP	461	30.701	30.987	33.371	1.00	0.00
C									
HETATM	7080	H2	PRP	461	30.426	30.113	32.781	1.00	0.00
H									
HETATM	7081	H3	PRP	461	30.202	30.827	34.327	1.00	0.00
H									
HETATM	7082	C2	PRP	461	30.278	32.220	32.576	1.00	0.00
C									
HETATM	7083	H4	PRP	461	29.382	31.969	32.010	1.00	0.00
H									

HETATM	7084	O2	PRP	461	31.216	32.546	31.626	1.00	0.00
O									
HETATM	7085	H5	PRP	461	30.944	33.350	31.176	1.00	0.00
H									
HETATM	7086	C3	PRP	461	30.131	33.417	33.543	1.00	0.00
C									
HETATM	7087	H6	PRP	461	29.968	34.293	32.915	1.00	0.00
H									
HETATM	7088	H7	PRP	461	29.383	33.156	34.291	1.00	0.00
H									
HETATM	7089	H8	PRP	461	31.030	33.461	34.159	1.00	0.00
H									
HETATM	7090	O1	PRP	462	39.930	30.858	31.370	1.00	0.00
O									
HETATM	7091	H1	PRP	462	39.588	31.589	30.850	1.00	0.00
H									
HETATM	7092	C1	PRP	462	38.971	30.442	32.301	1.00	0.00
C									
HETATM	7093	H2	PRP	462	39.138	29.466	32.757	1.00	0.00
H									
HETATM	7094	H3	PRP	462	38.791	31.231	33.031	1.00	0.00
H									
HETATM	7095	C2	PRP	462	37.600	30.178	31.627	1.00	0.00
C									
HETATM	7096	H4	PRP	462	37.734	29.469	30.811	1.00	0.00
H									
HETATM	7097	O2	PRP	462	37.152	31.389	31.083	1.00	0.00
O									
HETATM	7098	H5	PRP	462	36.666	31.152	30.290	1.00	0.00
H									
HETATM	7099	C3	PRP	462	36.558	29.591	32.523	1.00	0.00
C									
HETATM	7100	H6	PRP	462	36.137	30.364	33.166	1.00	0.00
H									
HETATM	7101	H7	PRP	462	35.791	29.023	31.996	1.00	0.00
H									
HETATM	7102	H8	PRP	462	37.076	28.928	33.215	1.00	0.00
H									
HETATM	7103	O1	PRP	463	19.033	19.974	34.283	1.00	0.00
O									
HETATM	7104	H1	PRP	463	19.715	19.305	34.383	1.00	0.00
H									
HETATM	7105	C1	PRP	463	19.468	21.192	34.810	1.00	0.00
C									
HETATM	7106	H2	PRP	463	18.817	22.037	34.587	1.00	0.00
H									
HETATM	7107	H3	PRP	463	19.670	21.124	35.879	1.00	0.00
H									
HETATM	7108	C2	PRP	463	20.901	21.613	34.283	1.00	0.00
C									
HETATM	7109	H4	PRP	463	21.075	22.681	34.154	1.00	0.00
H									
HETATM	7110	O2	PRP	463	20.806	21.158	32.917	1.00	0.00
O									
HETATM	7111	H5	PRP	463	20.230	20.400	33.035	1.00	0.00
H									

HETATM	7112	C3	PRP	463	21.998	21.022	35.116	1.00	0.00
C									
HETATM	7113	H6	PRP	463	21.850	19.978	35.392	1.00	0.00
H									
HETATM	7114	H7	PRP	463	22.947	21.193	34.606	1.00	0.00
H									
HETATM	7115	H8	PRP	463	21.936	21.724	35.947	1.00	0.00
H									
HETATM	7116	O1	PRP	464	23.761	24.215	21.418	1.00	0.00
O									
HETATM	7117	H1	PRP	464	23.894	23.628	22.166	1.00	0.00
H									
HETATM	7118	C1	PRP	464	24.679	25.255	21.511	1.00	0.00
C									
HETATM	7119	H2	PRP	464	25.469	25.196	20.763	1.00	0.00
H									
HETATM	7120	H3	PRP	464	24.291	26.271	21.436	1.00	0.00
H									
HETATM	7121	C2	PRP	464	25.477	25.092	22.825	1.00	0.00
C									
HETATM	7122	H4	PRP	464	26.426	25.586	22.615	1.00	0.00
H									
HETATM	7123	O2	PRP	464	25.576	23.686	23.081	1.00	0.00
O									
HETATM	7124	H5	PRP	464	25.843	23.648	24.003	1.00	0.00
H									
HETATM	7125	C3	PRP	464	24.875	25.646	24.131	1.00	0.00
C									
HETATM	7126	H6	PRP	464	24.017	25.049	24.439	1.00	0.00
H									
HETATM	7127	H7	PRP	464	25.632	25.795	24.901	1.00	0.00
H									
HETATM	7128	H8	PRP	464	24.561	26.656	23.865	1.00	0.00
H									
HETATM	7129	O1	PRP	465	31.472	16.598	42.009	1.00	0.00
O									
HETATM	7130	H1	PRP	465	30.582	16.247	41.939	1.00	0.00
H									
HETATM	7131	C1	PRP	465	32.138	16.260	43.173	1.00	0.00
C									
HETATM	7132	H2	PRP	465	32.145	15.181	43.328	1.00	0.00
H									
HETATM	7133	H3	PRP	465	33.152	16.647	43.075	1.00	0.00
H									
HETATM	7134	C2	PRP	465	31.500	17.019	44.345	1.00	0.00
C									
HETATM	7135	H4	PRP	465	32.040	16.754	45.254	1.00	0.00
H									
HETATM	7136	O2	PRP	465	30.108	16.652	44.503	1.00	0.00
O									
HETATM	7137	H5	PRP	465	29.774	16.600	43.605	1.00	0.00
H									
HETATM	7138	C3	PRP	465	31.533	18.550	44.326	1.00	0.00
C									
HETATM	7139	H6	PRP	465	32.507	18.945	44.615	1.00	0.00
H									

HETATM	7140	H7	PRP	465	31.309	19.001	43.360	1.00	0.00
H									
HETATM	7141	H8	PRP	465	30.833	18.935	45.067	1.00	0.00
H									
HETATM	7142	O1	PRP	466	37.531	23.636	26.513	1.00	0.00
O									
HETATM	7143	H1	PRP	466	37.971	22.992	27.073	1.00	0.00
H									
HETATM	7144	C1	PRP	466	37.465	22.991	25.232	1.00	0.00
C									
HETATM	7145	H2	PRP	466	37.551	23.715	24.422	1.00	0.00
H									
HETATM	7146	H3	PRP	466	38.353	22.361	25.262	1.00	0.00
H									
HETATM	7147	C2	PRP	466	36.221	22.144	25.249	1.00	0.00
C									
HETATM	7148	H4	PRP	466	35.451	22.724	25.757	1.00	0.00
H									
HETATM	7149	O2	PRP	466	36.390	20.942	25.968	1.00	0.00
O									
HETATM	7150	H5	PRP	466	36.805	21.253	26.776	1.00	0.00
H									
HETATM	7151	C3	PRP	466	35.716	21.641	23.902	1.00	0.00
C									
HETATM	7152	H6	PRP	466	36.507	21.163	23.325	1.00	0.00
H									
HETATM	7153	H7	PRP	466	34.896	20.961	24.132	1.00	0.00
H									
HETATM	7154	H8	PRP	466	35.321	22.501	23.360	1.00	0.00
H									
HETATM	7155	O1	PRP	467	36.600	53.793	40.515	1.00	0.00
O									
HETATM	7156	H1	PRP	467	36.509	53.590	39.581	1.00	0.00
H									
HETATM	7157	C1	PRP	467	37.860	53.273	40.819	1.00	0.00
C									
HETATM	7158	H2	PRP	467	38.459	53.630	39.981	1.00	0.00
H									
HETATM	7159	H3	PRP	467	38.358	53.739	41.669	1.00	0.00
H									
HETATM	7160	C2	PRP	467	37.958	51.670	41.055	1.00	0.00
C									
HETATM	7161	H4	PRP	467	37.834	51.186	40.086	1.00	0.00
H									
HETATM	7162	O2	PRP	467	36.859	51.244	41.820	1.00	0.00
O									
HETATM	7163	H5	PRP	467	37.128	51.486	42.709	1.00	0.00
H									
HETATM	7164	C3	PRP	467	39.188	51.140	41.804	1.00	0.00
C									
HETATM	7165	H6	PRP	467	40.132	51.320	41.290	1.00	0.00
H									
HETATM	7166	H7	PRP	467	39.363	51.545	42.801	1.00	0.00
H									
HETATM	7167	H8	PRP	467	39.113	50.057	41.896	1.00	0.00
H									

HETATM	7168	O1	PRP	468	21.390	21.579	40.179	1.00	0.00
O									
HETATM	7169	H1	PRP	468	22.220	21.580	40.660	1.00	0.00
H									
HETATM	7170	C1	PRP	468	20.520	22.095	41.192	1.00	0.00
C									
HETATM	7171	H2	PRP	468	19.497	21.838	40.918	1.00	0.00
H									
HETATM	7172	H3	PRP	468	20.849	21.690	42.149	1.00	0.00
H									
HETATM	7173	C2	PRP	468	20.699	23.659	41.270	1.00	0.00
C									
HETATM	7174	H4	PRP	468	20.627	23.995	40.235	1.00	0.00
H									
HETATM	7175	O2	PRP	468	21.989	24.049	41.718	1.00	0.00
O									
HETATM	7176	H5	PRP	468	22.099	25.002	41.710	1.00	0.00
H									
HETATM	7177	C3	PRP	468	19.606	24.280	42.166	1.00	0.00
C									
HETATM	7178	H6	PRP	468	19.699	25.364	42.237	1.00	0.00
H									
HETATM	7179	H7	PRP	468	18.674	24.094	41.633	1.00	0.00
H									
HETATM	7180	H8	PRP	468	19.559	23.755	43.120	1.00	0.00
H									
HETATM	7181	O1	PRP	469	25.923	22.883	25.687	1.00	0.00
O									
HETATM	7182	H1	PRP	469	25.870	23.304	26.547	1.00	0.00
H									
HETATM	7183	C1	PRP	469	26.148	21.541	25.944	1.00	0.00
C									
HETATM	7184	H2	PRP	469	26.961	21.404	26.658	1.00	0.00
H									
HETATM	7185	H3	PRP	469	25.238	21.141	26.390	1.00	0.00
H									
HETATM	7186	C2	PRP	469	26.454	20.675	24.642	1.00	0.00
C									
HETATM	7187	H4	PRP	469	27.440	20.918	24.248	1.00	0.00
H									
HETATM	7188	O2	PRP	469	25.411	20.868	23.725	1.00	0.00
O									
HETATM	7189	H5	PRP	469	25.696	21.731	23.416	1.00	0.00
H									
HETATM	7190	C3	PRP	469	26.533	19.213	25.058	1.00	0.00
C									
HETATM	7191	H6	PRP	469	25.583	18.987	25.541	1.00	0.00
H									
HETATM	7192	H7	PRP	469	26.541	18.588	24.165	1.00	0.00
H									
HETATM	7193	H8	PRP	469	27.442	18.987	25.616	1.00	0.00
H									
HETATM	7194	O1	PRP	470	26.591	8.996	43.192	1.00	0.00
O									
HETATM	7195	H1	PRP	470	26.340	8.790	42.289	1.00	0.00
H									

HETATM	7196	C1	PRP	470	26.075	7.972	44.058	1.00	0.00
C									
HETATM	7197	H2	PRP	470	26.528	7.039	43.720	1.00	0.00
H									
HETATM	7198	H3	PRP	470	26.424	8.035	45.088	1.00	0.00
H									
HETATM	7199	C2	PRP	470	24.533	7.891	44.126	1.00	0.00
C									
HETATM	7200	H4	PRP	470	24.174	7.324	44.985	1.00	0.00
H									
HETATM	7201	O2	PRP	470	24.056	7.430	42.915	1.00	0.00
O									
HETATM	7202	H5	PRP	470	23.106	7.449	43.052	1.00	0.00
H									
HETATM	7203	C3	PRP	470	23.956	9.343	44.326	1.00	0.00
C									
HETATM	7204	H6	PRP	470	24.555	9.943	45.011	1.00	0.00
H									
HETATM	7205	H7	PRP	470	23.859	9.774	43.330	1.00	0.00
H									
HETATM	7206	H8	PRP	470	23.029	9.138	44.862	1.00	0.00
H									
HETATM	7207	O1	PRP	471	37.794	21.419	28.340	1.00	0.00
O									
HETATM	7208	H1	PRP	471	37.256	21.362	29.133	1.00	0.00
H									
HETATM	7209	C1	PRP	471	39.106	21.947	28.820	1.00	0.00
C									
HETATM	7210	H2	PRP	471	39.035	23.035	28.841	1.00	0.00
H									
HETATM	7211	H3	PRP	471	39.160	21.698	29.880	1.00	0.00
H									
HETATM	7212	C2	PRP	471	40.366	21.514	28.089	1.00	0.00
C									
HETATM	7213	H4	PRP	471	41.228	21.800	28.692	1.00	0.00
H									
HETATM	7214	O2	PRP	471	40.484	22.076	26.789	1.00	0.00
O									
HETATM	7215	H5	PRP	471	41.292	21.792	26.357	1.00	0.00
H									
HETATM	7216	C3	PRP	471	40.318	19.963	28.048	1.00	0.00
C									
HETATM	7217	H6	PRP	471	41.362	19.655	27.996	1.00	0.00
H									
HETATM	7218	H7	PRP	471	39.970	19.597	29.014	1.00	0.00
H									
HETATM	7219	H8	PRP	471	39.745	19.658	27.172	1.00	0.00
H									
HETATM	7220	O1	PRP	472	44.482	24.636	33.625	1.00	0.00
O									
HETATM	7221	H1	PRP	472	44.888	24.121	34.326	1.00	0.00
H									
HETATM	7222	C1	PRP	472	44.825	24.011	32.338	1.00	0.00
C									
HETATM	7223	H2	PRP	472	45.812	24.251	31.942	1.00	0.00
H									

HETATM	7224	H3	PRP	472	44.586	22.962	32.514	1.00	0.00
H									
HETATM	7225	C2	PRP	472	43.914	24.561	31.211	1.00	0.00
C									
HETATM	7226	H4	PRP	472	44.237	25.579	30.997	1.00	0.00
H									
HETATM	7227	O2	PRP	472	42.610	24.694	31.656	1.00	0.00
O									
HETATM	7228	H5	PRP	472	42.704	24.877	32.594	1.00	0.00
H									
HETATM	7229	C3	PRP	472	43.867	23.568	30.022	1.00	0.00
C									
HETATM	7230	H6	PRP	472	44.843	23.724	29.561	1.00	0.00
H									
HETATM	7231	H7	PRP	472	43.781	22.547	30.392	1.00	0.00
H									
HETATM	7232	H8	PRP	472	43.126	23.814	29.262	1.00	0.00
H									
HETATM	7233	O1	PRP	473	25.957	9.744	38.511	1.00	0.00
O									
HETATM	7234	H1	PRP	473	25.775	9.932	39.435	1.00	0.00
H									
HETATM	7235	C1	PRP	473	24.729	9.118	38.204	1.00	0.00
C									
HETATM	7236	H2	PRP	473	24.070	9.977	38.073	1.00	0.00
H									
HETATM	7237	H3	PRP	473	24.806	8.574	37.263	1.00	0.00
H									
HETATM	7238	C2	PRP	473	24.255	8.310	39.405	1.00	0.00
C									
HETATM	7239	H4	PRP	473	23.196	8.069	39.316	1.00	0.00
H									
HETATM	7240	O2	PRP	473	24.310	9.126	40.635	1.00	0.00
O									
HETATM	7241	H5	PRP	473	23.891	8.689	41.380	1.00	0.00
H									
HETATM	7242	C3	PRP	473	25.101	7.052	39.661	1.00	0.00
C									
HETATM	7243	H6	PRP	473	24.723	6.655	40.602	1.00	0.00
H									
HETATM	7244	H7	PRP	473	24.928	6.278	38.913	1.00	0.00
H									
HETATM	7245	H8	PRP	473	26.156	7.305	39.550	1.00	0.00
H									
HETATM	7246	O1	PRP	474	24.522	14.225	32.031	1.00	0.00
O									
HETATM	7247	H1	PRP	474	23.710	13.806	31.737	1.00	0.00
H									
HETATM	7248	C1	PRP	474	25.274	13.278	32.750	1.00	0.00
C									
HETATM	7249	H2	PRP	474	25.378	12.344	32.198	1.00	0.00
H									
HETATM	7250	H3	PRP	474	26.294	13.614	32.933	1.00	0.00
H									
HETATM	7251	C2	PRP	474	24.524	12.933	34.087	1.00	0.00
C									

HETATM	7252	H4	PRP	474	25.023	12.154	34.665	1.00	0.00
H									
HETATM	7253	O2	PRP	474	23.201	12.471	33.911	1.00	0.00
O									
HETATM	7254	H5	PRP	474	23.294	11.755	33.279	1.00	0.00
H									
HETATM	7255	C3	PRP	474	24.562	14.082	35.074	1.00	0.00
C									
HETATM	7256	H6	PRP	474	24.261	14.944	34.478	1.00	0.00
H									
HETATM	7257	H7	PRP	474	23.940	13.929	35.956	1.00	0.00
H									
HETATM	7258	H8	PRP	474	25.622	14.258	35.256	1.00	0.00
H									
HETATM	7259	O1	PRP	475	41.763	24.038	46.122	1.00	0.00
O									
HETATM	7260	H1	PRP	475	41.856	24.867	45.648	1.00	0.00
H									
HETATM	7261	C1	PRP	475	42.519	22.926	45.674	1.00	0.00
C									
HETATM	7262	H2	PRP	475	42.425	22.734	44.606	1.00	0.00
H									
HETATM	7263	H3	PRP	475	43.589	23.040	45.850	1.00	0.00
H									
HETATM	7264	C2	PRP	475	42.078	21.668	46.431	1.00	0.00
C									
HETATM	7265	H4	PRP	475	42.644	20.817	46.054	1.00	0.00
H									
HETATM	7266	O2	PRP	475	40.712	21.362	46.281	1.00	0.00
O									
HETATM	7267	H5	PRP	475	40.363	22.250	46.171	1.00	0.00
H									
HETATM	7268	C3	PRP	475	42.314	21.939	47.942	1.00	0.00
C									
HETATM	7269	H6	PRP	475	41.904	21.088	48.487	1.00	0.00
H									
HETATM	7270	H7	PRP	475	43.396	21.927	48.075	1.00	0.00
H									
HETATM	7271	H8	PRP	475	41.892	22.900	48.236	1.00	0.00
H									
HETATM	7272	O1	PRP	476	35.279	23.195	32.435	1.00	0.00
O									
HETATM	7273	H1	PRP	476	35.327	22.941	31.510	1.00	0.00
H									
HETATM	7274	C1	PRP	476	35.840	22.145	33.190	1.00	0.00
C									
HETATM	7275	H2	PRP	476	35.814	22.212	34.277	1.00	0.00
H									
HETATM	7276	H3	PRP	476	35.216	21.285	32.947	1.00	0.00
H									
HETATM	7277	C2	PRP	476	37.198	21.760	32.573	1.00	0.00
C									
HETATM	7278	H4	PRP	476	37.820	22.639	32.741	1.00	0.00
H									
HETATM	7279	O2	PRP	476	37.058	21.320	31.247	1.00	0.00
O									

HETATM	7280	H5	PRP	476	36.422	20.608	31.146	1.00	0.00
H									
HETATM	7281	C3	PRP	476	37.881	20.643	33.298	1.00	0.00
C									
HETATM	7282	H6	PRP	476	38.751	20.267	32.761	1.00	0.00
H									
HETATM	7283	H7	PRP	476	38.284	20.969	34.257	1.00	0.00
H									
HETATM	7284	H8	PRP	476	37.315	19.722	33.432	1.00	0.00
H									
HETATM	7285	O1	PRP	477	17.038	10.698	32.139	1.00	0.00
O									
HETATM	7286	H1	PRP	477	16.169	11.064	31.957	1.00	0.00
H									
HETATM	7287	C1	PRP	477	17.477	9.985	30.986	1.00	0.00
C									
HETATM	7288	H2	PRP	477	16.658	9.342	30.665	1.00	0.00
H									
HETATM	7289	H3	PRP	477	17.723	10.708	30.208	1.00	0.00
H									
HETATM	7290	C2	PRP	477	18.680	9.155	31.522	1.00	0.00
C									
HETATM	7291	H4	PRP	477	18.439	8.571	32.411	1.00	0.00
H									
HETATM	7292	O2	PRP	477	19.653	10.167	31.881	1.00	0.00
O									
HETATM	7293	H5	PRP	477	19.129	10.858	32.292	1.00	0.00
H									
HETATM	7294	C3	PRP	477	19.108	8.230	30.382	1.00	0.00
C									
HETATM	7295	H6	PRP	477	19.241	8.671	29.394	1.00	0.00
H									
HETATM	7296	H7	PRP	477	20.032	7.737	30.683	1.00	0.00
H									
HETATM	7297	H8	PRP	477	18.396	7.411	30.285	1.00	0.00
H									
HETATM	7298	O1	PRP	478	21.533	8.341	33.162	1.00	0.00
O									
HETATM	7299	H1	PRP	478	21.300	8.858	32.387	1.00	0.00
H									
HETATM	7300	C1	PRP	478	22.338	9.169	33.980	1.00	0.00
C									
HETATM	7301	H2	PRP	478	21.926	10.178	34.009	1.00	0.00
H									
HETATM	7302	H3	PRP	478	22.312	8.814	35.011	1.00	0.00
H									
HETATM	7303	C2	PRP	478	23.831	9.120	33.517	1.00	0.00
C									
HETATM	7304	H4	PRP	478	24.336	9.486	34.411	1.00	0.00
H									
HETATM	7305	O2	PRP	478	23.946	9.941	32.495	1.00	0.00
O									
HETATM	7306	H5	PRP	478	23.599	9.620	31.660	1.00	0.00
H									
HETATM	7307	C3	PRP	478	24.408	7.844	32.997	1.00	0.00
C									

HETATM	7308	H6	PRP	478	25.462	7.719	33.245	1.00	0.00
H									
HETATM	7309	H7	PRP	478	23.847	7.046	33.482	1.00	0.00
H									
HETATM	7310	H8	PRP	478	24.202	7.659	31.943	1.00	0.00
H									
HETATM	7311	O1	PRP	479	44.703	19.627	38.866	1.00	0.00
O									
HETATM	7312	H1	PRP	479	45.341	20.313	38.657	1.00	0.00
H									
HETATM	7313	C1	PRP	479	45.577	18.550	38.793	1.00	0.00
C									
HETATM	7314	H2	PRP	479	44.996	17.644	38.621	1.00	0.00
H									
HETATM	7315	H3	PRP	479	46.162	18.699	37.886	1.00	0.00
H									
HETATM	7316	C2	PRP	479	46.491	18.411	39.960	1.00	0.00
C									
HETATM	7317	H4	PRP	479	47.252	17.701	39.636	1.00	0.00
H									
HETATM	7318	O2	PRP	479	45.817	17.884	41.100	1.00	0.00
O									
HETATM	7319	H5	PRP	479	44.868	18.010	41.032	1.00	0.00
H									
HETATM	7320	C3	PRP	479	47.179	19.726	40.507	1.00	0.00
C									
HETATM	7321	H6	PRP	479	47.852	20.046	39.712	1.00	0.00
H									
HETATM	7322	H7	PRP	479	46.405	20.420	40.835	1.00	0.00
H									
HETATM	7323	H8	PRP	479	47.876	19.524	41.321	1.00	0.00
H									
HETATM	7324	O1	PRP	480	42.951	21.928	25.684	1.00	0.00
O									
HETATM	7325	H1	PRP	480	43.256	21.955	24.775	1.00	0.00
H									
HETATM	7326	C1	PRP	480	44.113	21.814	26.460	1.00	0.00
C									
HETATM	7327	H2	PRP	480	44.651	22.760	26.524	1.00	0.00
H									
HETATM	7328	H3	PRP	480	43.785	21.512	27.454	1.00	0.00
H									
HETATM	7329	C2	PRP	480	45.072	20.749	25.954	1.00	0.00
C									
HETATM	7330	H4	PRP	480	46.032	20.913	26.444	1.00	0.00
H									
HETATM	7331	O2	PRP	480	45.279	21.046	24.588	1.00	0.00
O									
HETATM	7332	H5	PRP	480	45.757	20.286	24.249	1.00	0.00
H									
HETATM	7333	C3	PRP	480	44.540	19.334	26.201	1.00	0.00
C									
HETATM	7334	H6	PRP	480	45.303	18.634	25.859	1.00	0.00
H									
HETATM	7335	H7	PRP	480	44.139	19.323	27.215	1.00	0.00
H									

HETATM	7336	H8	PRP	480	43.720	19.159	25.505	1.00	0.00
H									
HETATM	7337	O1	PRP	481	19.952	17.097	46.961	1.00	0.00
O									
HETATM	7338	H1	PRP	481	20.456	17.336	47.742	1.00	0.00
H									
HETATM	7339	C1	PRP	481	18.679	17.717	47.206	1.00	0.00
C									
HETATM	7340	H2	PRP	481	17.978	17.324	46.469	1.00	0.00
H									
HETATM	7341	H3	PRP	481	18.289	17.454	48.189	1.00	0.00
H									
HETATM	7342	C2	PRP	481	18.689	19.211	46.813	1.00	0.00
C									
HETATM	7343	H4	PRP	481	18.866	19.341	45.745	1.00	0.00
H									
HETATM	7344	O2	PRP	481	19.765	19.928	47.481	1.00	0.00
O									
HETATM	7345	H5	PRP	481	19.662	19.742	48.418	1.00	0.00
H									
HETATM	7346	C3	PRP	481	17.293	19.892	46.988	1.00	0.00
C									
HETATM	7347	H6	PRP	481	16.520	19.257	46.554	1.00	0.00
H									
HETATM	7348	H7	PRP	481	17.070	20.023	48.047	1.00	0.00
H									
HETATM	7349	H8	PRP	481	17.132	20.831	46.458	1.00	0.00
H									
HETATM	7350	O1	PRP	482	24.665	22.350	30.967	1.00	0.00
O									
HETATM	7351	H1	PRP	482	24.910	21.506	30.580	1.00	0.00
H									
HETATM	7352	C1	PRP	482	23.249	22.660	31.031	1.00	0.00
C									
HETATM	7353	H2	PRP	482	22.938	22.902	32.047	1.00	0.00
H									
HETATM	7354	H3	PRP	482	23.196	23.542	30.392	1.00	0.00
H									
HETATM	7355	C2	PRP	482	22.468	21.524	30.290	1.00	0.00
C									
HETATM	7356	H4	PRP	482	22.214	20.687	30.941	1.00	0.00
H									
HETATM	7357	O2	PRP	482	23.236	20.933	29.185	1.00	0.00
O									
HETATM	7358	H5	PRP	482	22.574	20.378	28.767	1.00	0.00
H									
HETATM	7359	C3	PRP	482	21.143	21.934	29.728	1.00	0.00
C									
HETATM	7360	H6	PRP	482	20.735	22.666	30.425	1.00	0.00
H									
HETATM	7361	H7	PRP	482	21.359	22.443	28.789	1.00	0.00
H									
HETATM	7362	H8	PRP	482	20.447	21.100	29.640	1.00	0.00
H									
HETATM	7363	O1	PRP	483	16.020	38.785	41.486	1.00	0.00
O									

HETATM	7364	H1	PRP	483	16.904	39.123	41.644	1.00	0.00
H									
HETATM	7365	C1	PRP	483	14.975	39.722	41.749	1.00	0.00
C									
HETATM	7366	H2	PRP	483	14.308	39.281	42.489	1.00	0.00
H									
HETATM	7367	H3	PRP	483	15.475	40.633	42.080	1.00	0.00
H									
HETATM	7368	C2	PRP	483	14.084	39.856	40.503	1.00	0.00
C									
HETATM	7369	H4	PRP	483	13.746	38.839	40.299	1.00	0.00
H									
HETATM	7370	O2	PRP	483	14.768	40.272	39.333	1.00	0.00
O									
HETATM	7371	H5	PRP	483	15.492	39.707	39.051	1.00	0.00
H									
HETATM	7372	C3	PRP	483	12.963	40.756	40.751	1.00	0.00
C									
HETATM	7373	H6	PRP	483	13.180	41.824	40.731	1.00	0.00
H									
HETATM	7374	H7	PRP	483	12.260	40.575	39.938	1.00	0.00
H									
HETATM	7375	H8	PRP	483	12.399	40.463	41.636	1.00	0.00
H									
HETATM	7376	O1	PRP	484	26.943	39.426	37.113	1.00	0.00
O									
HETATM	7377	H1	PRP	484	27.777	39.850	37.329	1.00	0.00
H									
HETATM	7378	C1	PRP	484	26.166	39.542	38.261	1.00	0.00
C									
HETATM	7379	H2	PRP	484	26.590	38.939	39.065	1.00	0.00
H									
HETATM	7380	H3	PRP	484	26.340	40.520	38.708	1.00	0.00
H									
HETATM	7381	C2	PRP	484	24.674	39.223	38.051	1.00	0.00
C									
HETATM	7382	H4	PRP	484	24.510	38.250	37.588	1.00	0.00
H									
HETATM	7383	O2	PRP	484	24.245	40.240	37.151	1.00	0.00
O									
HETATM	7384	H5	PRP	484	24.795	40.159	36.368	1.00	0.00
H									
HETATM	7385	C3	PRP	484	23.824	39.333	39.388	1.00	0.00
C									
HETATM	7386	H6	PRP	484	24.081	38.576	40.128	1.00	0.00
H									
HETATM	7387	H7	PRP	484	24.015	40.305	39.843	1.00	0.00
H									
HETATM	7388	H8	PRP	484	22.762	39.505	39.216	1.00	0.00
H									
HETATM	7389	O1	PRP	485	23.887	39.568	32.658	1.00	0.00
O									
HETATM	7390	H1	PRP	485	24.332	38.970	33.263	1.00	0.00
H									
HETATM	7391	C1	PRP	485	24.239	40.871	33.216	1.00	0.00
C									

HETATM	7392	H2	PRP	485	24.286	41.656	32.461	1.00	0.00
H									
HETATM	7393	H3	PRP	485	23.687	41.131	34.119	1.00	0.00
H									
HETATM	7394	C2	PRP	485	25.686	40.817	33.705	1.00	0.00
C									
HETATM	7395	H4	PRP	485	26.287	40.837	32.796	1.00	0.00
H									
HETATM	7396	O2	PRP	485	26.015	39.682	34.473	1.00	0.00
O									
HETATM	7397	H5	PRP	485	26.974	39.650	34.503	1.00	0.00
H									
HETATM	7398	C3	PRP	485	26.191	42.067	34.455	1.00	0.00
C									
HETATM	7399	H6	PRP	485	27.239	41.986	34.743	1.00	0.00
H									
HETATM	7400	H7	PRP	485	26.128	42.918	33.777	1.00	0.00
H									
HETATM	7401	H8	PRP	485	25.485	42.232	35.269	1.00	0.00
H									
HETATM	7402	O1	PRP	486	15.236	46.249	40.224	1.00	0.00
O									
HETATM	7403	H1	PRP	486	15.066	45.305	40.190	1.00	0.00
H									
HETATM	7404	C1	PRP	486	14.850	46.759	41.490	1.00	0.00
C									
HETATM	7405	H2	PRP	486	14.073	46.141	41.940	1.00	0.00
H									
HETATM	7406	H3	PRP	486	15.711	46.741	42.159	1.00	0.00
H									
HETATM	7407	C2	PRP	486	14.357	48.210	41.277	1.00	0.00
C									
HETATM	7408	H4	PRP	486	13.521	48.194	40.578	1.00	0.00
H									
HETATM	7409	O2	PRP	486	15.437	49.008	40.862	1.00	0.00
O									
HETATM	7410	H5	PRP	486	15.521	48.961	39.907	1.00	0.00
H									
HETATM	7411	C3	PRP	486	13.849	48.865	42.571	1.00	0.00
C									
HETATM	7412	H6	PRP	486	13.638	49.910	42.343	1.00	0.00
H									
HETATM	7413	H7	PRP	486	12.946	48.383	42.945	1.00	0.00
H									
HETATM	7414	H8	PRP	486	14.642	48.942	43.315	1.00	0.00
H									
HETATM	7415	O1	PRP	487	10.068	28.045	36.147	1.00	0.00
O									
HETATM	7416	H1	PRP	487	9.485	27.718	35.458	1.00	0.00
H									
HETATM	7417	C1	PRP	487	11.387	27.679	35.906	1.00	0.00
C									
HETATM	7418	H2	PRP	487	11.736	27.068	36.738	1.00	0.00
H									
HETATM	7419	H3	PRP	487	11.434	27.041	35.023	1.00	0.00
H									

HETATM	7420	C2	PRP	487	12.293	28.915	35.742	1.00	0.00
C									
HETATM	7421	H4	PRP	487	12.070	29.591	36.567	1.00	0.00
H									
HETATM	7422	O2	PRP	487	11.937	29.440	34.504	1.00	0.00
O									
HETATM	7423	H5	PRP	487	11.185	29.043	34.059	1.00	0.00
H									
HETATM	7424	C3	PRP	487	13.767	28.391	35.781	1.00	0.00
C									
HETATM	7425	H6	PRP	487	14.087	27.929	34.847	1.00	0.00
H									
HETATM	7426	H7	PRP	487	14.455	29.205	36.010	1.00	0.00
H									
HETATM	7427	H8	PRP	487	13.907	27.665	36.582	1.00	0.00
H									
HETATM	7428	O1	PRP	488	20.030	29.653	17.032	1.00	0.00
O									
HETATM	7429	H1	PRP	488	20.977	29.809	17.073	1.00	0.00
H									
HETATM	7430	C1	PRP	488	19.882	29.108	15.715	1.00	0.00
C									
HETATM	7431	H2	PRP	488	18.824	29.233	15.484	1.00	0.00
H									
HETATM	7432	H3	PRP	488	20.453	29.762	15.056	1.00	0.00
H									
HETATM	7433	C2	PRP	488	20.270	27.684	15.807	1.00	0.00
C									
HETATM	7434	H4	PRP	488	19.650	27.250	16.592	1.00	0.00
H									
HETATM	7435	O2	PRP	488	21.649	27.668	16.046	1.00	0.00
O									
HETATM	7436	H5	PRP	488	21.928	26.859	16.480	1.00	0.00
H									
HETATM	7437	C3	PRP	488	20.067	26.998	14.497	1.00	0.00
C									
HETATM	7438	H6	PRP	488	20.524	26.009	14.532	1.00	0.00
H									
HETATM	7439	H7	PRP	488	19.001	26.895	14.295	1.00	0.00
H									
HETATM	7440	H8	PRP	488	20.458	27.510	13.618	1.00	0.00
H									
HETATM	7441	O1	PRP	489	26.658	22.474	36.309	1.00	0.00
O									
HETATM	7442	H1	PRP	489	26.738	22.790	37.212	1.00	0.00
H									
HETATM	7443	C1	PRP	489	27.878	21.956	35.795	1.00	0.00
C									
HETATM	7444	H2	PRP	489	28.603	22.757	35.651	1.00	0.00
H									
HETATM	7445	H3	PRP	489	28.298	21.346	36.594	1.00	0.00
H									
HETATM	7446	C2	PRP	489	27.702	21.164	34.496	1.00	0.00
C									
HETATM	7447	H4	PRP	489	28.598	20.567	34.330	1.00	0.00
H									

HETATM	7448	O2	PRP	489	27.354	21.971	33.400	1.00	0.00
O									
HETATM	7449	H5	PRP	489	26.721	22.672	33.570	1.00	0.00
H									
HETATM	7450	C3	PRP	489	26.565	20.193	34.622	1.00	0.00
C									
HETATM	7451	H6	PRP	489	25.619	20.649	34.330	1.00	0.00
H									
HETATM	7452	H7	PRP	489	26.840	19.461	33.862	1.00	0.00
H									
HETATM	7453	H8	PRP	489	26.559	19.762	35.623	1.00	0.00
H									
HETATM	7454	O1	PRP	490	24.718	44.772	27.465	1.00	0.00
O									
HETATM	7455	H1	PRP	490	23.900	44.274	27.397	1.00	0.00
H									
HETATM	7456	C1	PRP	490	25.885	43.988	27.344	1.00	0.00
C									
HETATM	7457	H2	PRP	490	26.145	43.876	26.291	1.00	0.00
H									
HETATM	7458	H3	PRP	490	26.644	44.406	28.006	1.00	0.00
H									
HETATM	7459	C2	PRP	490	25.572	42.624	28.051	1.00	0.00
C									
HETATM	7460	H4	PRP	490	26.414	41.966	27.837	1.00	0.00
H									
HETATM	7461	O2	PRP	490	24.312	42.180	27.450	1.00	0.00
O									
HETATM	7462	H5	PRP	490	24.207	41.255	27.216	1.00	0.00
H									
HETATM	7463	C3	PRP	490	25.174	42.669	29.487	1.00	0.00
C									
HETATM	7464	H6	PRP	490	25.065	41.639	29.827	1.00	0.00
H									
HETATM	7465	H7	PRP	490	26.073	42.997	30.009	1.00	0.00
H									
HETATM	7466	H8	PRP	490	24.377	43.342	29.803	1.00	0.00
H									
HETATM	7467	O1	PRP	491	31.840	42.434	26.752	1.00	0.00
O									
HETATM	7468	H1	PRP	491	31.738	41.481	26.692	1.00	0.00
H									
HETATM	7469	C1	PRP	491	31.224	43.013	27.840	1.00	0.00
C									
HETATM	7470	H2	PRP	491	31.802	42.710	28.714	1.00	0.00
H									
HETATM	7471	H3	PRP	491	31.350	44.082	27.670	1.00	0.00
H									
HETATM	7472	C2	PRP	491	29.753	42.587	28.059	1.00	0.00
C									
HETATM	7473	H4	PRP	491	29.858	41.541	28.347	1.00	0.00
H									
HETATM	7474	O2	PRP	491	28.844	42.722	26.990	1.00	0.00
O									
HETATM	7475	H5	PRP	491	28.932	43.544	26.503	1.00	0.00
H									

HETATM	7476	C3	PRP	491	29.072	43.254	29.351	1.00	0.00
C									
HETATM	7477	H6	PRP	491	28.375	42.487	29.688	1.00	0.00
H									
HETATM	7478	H7	PRP	491	29.846	43.456	30.091	1.00	0.00
H									
HETATM	7479	H8	PRP	491	28.531	44.134	29.002	1.00	0.00
H									
HETATM	7480	O1	PRP	492	19.812	18.735	38.577	1.00	0.00
O									
HETATM	7481	H1	PRP	492	19.662	18.609	39.517	1.00	0.00
H									
HETATM	7482	C1	PRP	492	18.511	18.971	38.030	1.00	0.00
C									
HETATM	7483	H2	PRP	492	18.742	19.384	37.048	1.00	0.00
H									
HETATM	7484	H3	PRP	492	17.978	18.045	37.815	1.00	0.00
H									
HETATM	7485	C2	PRP	492	17.718	19.997	38.782	1.00	0.00
C									
HETATM	7486	H4	PRP	492	18.361	20.850	38.999	1.00	0.00
H									
HETATM	7487	O2	PRP	492	17.321	19.484	40.020	1.00	0.00
O									
HETATM	7488	H5	PRP	492	16.642	20.016	40.442	1.00	0.00
H									
HETATM	7489	C3	PRP	492	16.532	20.476	38.012	1.00	0.00
C									
HETATM	7490	H6	PRP	492	15.851	21.050	38.640	1.00	0.00
H									
HETATM	7491	H7	PRP	492	16.951	21.035	37.175	1.00	0.00
H									
HETATM	7492	H8	PRP	492	15.883	19.679	37.648	1.00	0.00
H									
HETATM	7493	O1	PRP	493	23.145	19.653	24.860	1.00	0.00
O									
HETATM	7494	H1	PRP	493	23.925	20.079	24.497	1.00	0.00
H									
HETATM	7495	C1	PRP	493	22.015	20.077	24.130	1.00	0.00
C									
HETATM	7496	H2	PRP	493	21.898	19.545	23.185	1.00	0.00
H									
HETATM	7497	H3	PRP	493	21.081	19.770	24.601	1.00	0.00
H									
HETATM	7498	C2	PRP	493	21.911	21.555	23.858	1.00	0.00
C									
HETATM	7499	H4	PRP	493	21.010	21.720	23.267	1.00	0.00
H									
HETATM	7500	O2	PRP	493	22.911	21.935	22.931	1.00	0.00
O									
HETATM	7501	H5	PRP	493	23.763	21.758	23.338	1.00	0.00
H									
HETATM	7502	C3	PRP	493	21.922	22.504	25.116	1.00	0.00
C									
HETATM	7503	H6	PRP	493	22.650	22.219	25.876	1.00	0.00
H									

HETATM	7504	H7	PRP	493	22.021	23.529	24.759	1.00	0.00
H									
HETATM	7505	H8	PRP	493	20.924	22.536	25.553	1.00	0.00
H									
HETATM	7506	O1	PRP	494	21.936	25.292	17.578	1.00	0.00
O									
HETATM	7507	H1	PRP	494	21.083	25.020	17.924	1.00	0.00
H									
HETATM	7508	C1	PRP	494	22.682	25.977	18.639	1.00	0.00
C									
HETATM	7509	H2	PRP	494	23.449	25.293	19.002	1.00	0.00
H									
HETATM	7510	H3	PRP	494	23.208	26.861	18.279	1.00	0.00
H									
HETATM	7511	C2	PRP	494	21.787	26.386	19.832	1.00	0.00
C									
HETATM	7512	H4	PRP	494	22.368	26.710	20.696	1.00	0.00
H									
HETATM	7513	O2	PRP	494	20.895	25.256	20.007	1.00	0.00
O									
HETATM	7514	H5	PRP	494	21.410	24.613	20.498	1.00	0.00
H									
HETATM	7515	C3	PRP	494	20.896	27.568	19.499	1.00	0.00
C									
HETATM	7516	H6	PRP	494	21.442	28.263	18.860	1.00	0.00
H									
HETATM	7517	H7	PRP	494	19.908	27.407	19.069	1.00	0.00
H									
HETATM	7518	H8	PRP	494	20.646	28.050	20.444	1.00	0.00
H									
HETATM	7519	O1	PRP	495	30.878	36.992	26.029	1.00	0.00
O									
HETATM	7520	H1	PRP	495	30.594	36.326	25.399	1.00	0.00
H									
HETATM	7521	C1	PRP	495	29.903	38.013	26.149	1.00	0.00
C									
HETATM	7522	H2	PRP	495	29.598	38.400	25.177	1.00	0.00
H									
HETATM	7523	H3	PRP	495	28.963	37.563	26.470	1.00	0.00
H									
HETATM	7524	C2	PRP	495	30.353	39.148	26.999	1.00	0.00
C									
HETATM	7525	H4	PRP	495	29.502	39.793	27.217	1.00	0.00
H									
HETATM	7526	O2	PRP	495	31.342	39.922	26.291	1.00	0.00
O									
HETATM	7527	H5	PRP	495	32.017	39.314	25.981	1.00	0.00
H									
HETATM	7528	C3	PRP	495	30.942	38.743	28.395	1.00	0.00
C									
HETATM	7529	H6	PRP	495	31.713	37.980	28.293	1.00	0.00
H									
HETATM	7530	H7	PRP	495	31.410	39.577	28.918	1.00	0.00
H									
HETATM	7531	H8	PRP	495	30.260	38.350	29.150	1.00	0.00
H									

HETATM	7532	O1	PRP	496	28.966	37.693	22.553	1.00	0.00
O									
HETATM	7533	H1	PRP	496	28.660	37.421	23.421	1.00	0.00
H									
HETATM	7534	C1	PRP	496	28.040	38.690	22.152	1.00	0.00
C									
HETATM	7535	H2	PRP	496	28.508	39.472	21.553	1.00	0.00
H									
HETATM	7536	H3	PRP	496	27.092	38.301	21.781	1.00	0.00
H									
HETATM	7537	C2	PRP	496	27.686	39.348	23.517	1.00	0.00
C									
HETATM	7538	H4	PRP	496	28.586	39.699	24.021	1.00	0.00
H									
HETATM	7539	O2	PRP	496	27.203	38.292	24.389	1.00	0.00
O									
HETATM	7540	H5	PRP	496	26.524	37.777	23.946	1.00	0.00
H									
HETATM	7541	C3	PRP	496	26.592	40.435	23.421	1.00	0.00
C									
HETATM	7542	H6	PRP	496	25.583	40.044	23.288	1.00	0.00
H									
HETATM	7543	H7	PRP	496	26.551	40.971	24.369	1.00	0.00
H									
HETATM	7544	H8	PRP	496	26.835	41.144	22.629	1.00	0.00
H									
HETATM	7545	O1	PRP	497	20.950	14.814	34.670	1.00	0.00
O									
HETATM	7546	H1	PRP	497	21.165	13.933	34.355	1.00	0.00
H									
HETATM	7547	C1	PRP	497	19.953	15.234	33.747	1.00	0.00
C									
HETATM	7548	H2	PRP	497	20.521	15.423	32.835	1.00	0.00
H									
HETATM	7549	H3	PRP	497	19.403	14.316	33.544	1.00	0.00
H									
HETATM	7550	C2	PRP	497	19.154	16.393	34.287	1.00	0.00
C									
HETATM	7551	H4	PRP	497	18.524	16.826	33.510	1.00	0.00
H									
HETATM	7552	O2	PRP	497	20.033	17.401	34.738	1.00	0.00
O									
HETATM	7553	H5	PRP	497	20.738	16.962	35.220	1.00	0.00
H									
HETATM	7554	C3	PRP	497	18.360	15.930	35.522	1.00	0.00
C									
HETATM	7555	H6	PRP	497	18.934	15.389	36.274	1.00	0.00
H									
HETATM	7556	H7	PRP	497	17.920	16.831	35.949	1.00	0.00
H									
HETATM	7557	H8	PRP	497	17.533	15.275	35.248	1.00	0.00
H									
HETATM	7558	O1	PRP	498	33.207	39.606	32.762	1.00	0.00
O									
HETATM	7559	H1	PRP	498	32.279	39.362	32.789	1.00	0.00
H									

HETATM	7560	C1	PRP	498	33.573	39.550	31.373	1.00	0.00
C									
HETATM	7561	H2	PRP	498	32.768	40.048	30.833	1.00	0.00
H									
HETATM	7562	H3	PRP	498	34.536	40.052	31.276	1.00	0.00
H									
HETATM	7563	C2	PRP	498	33.832	38.133	30.625	1.00	0.00
C									
HETATM	7564	H4	PRP	498	34.050	38.286	29.568	1.00	0.00
H									
HETATM	7565	O2	PRP	498	32.696	37.351	30.919	1.00	0.00
O									
HETATM	7566	H5	PRP	498	32.607	37.517	31.860	1.00	0.00
H									
HETATM	7567	C3	PRP	498	35.037	37.551	31.324	1.00	0.00
C									
HETATM	7568	H6	PRP	498	35.146	36.550	30.908	1.00	0.00
H									
HETATM	7569	H7	PRP	498	35.928	38.080	30.986	1.00	0.00
H									
HETATM	7570	H8	PRP	498	34.955	37.603	32.410	1.00	0.00
H									
HETATM	7571	O1	PRP	499	16.533	14.395	18.769	1.00	0.00
O									
HETATM	7572	H1	PRP	499	17.218	14.034	19.337	1.00	0.00
H									
HETATM	7573	C1	PRP	499	15.936	15.415	19.479	1.00	0.00
C									
HETATM	7574	H2	PRP	499	16.647	16.182	19.785	1.00	0.00
H									
HETATM	7575	H3	PRP	499	15.370	15.921	18.698	1.00	0.00
H									
HETATM	7576	C2	PRP	499	14.955	15.031	20.549	1.00	0.00
C									
HETATM	7577	H4	PRP	499	14.340	15.911	20.739	1.00	0.00
H									
HETATM	7578	O2	PRP	499	15.530	14.724	21.718	1.00	0.00
O									
HETATM	7579	H5	PRP	499	16.051	13.945	21.511	1.00	0.00
H									
HETATM	7580	C3	PRP	499	14.113	13.844	20.171	1.00	0.00
C									
HETATM	7581	H6	PRP	499	14.670	12.939	19.929	1.00	0.00
H									
HETATM	7582	H7	PRP	499	13.465	13.467	20.963	1.00	0.00
H									
HETATM	7583	H8	PRP	499	13.397	14.130	19.401	1.00	0.00
H									
HETATM	7584	O1	PRP	500	39.176	17.094	25.661	1.00	0.00
O									
HETATM	7585	H1	PRP	500	39.029	17.673	26.413	1.00	0.00
H									
HETATM	7586	C1	PRP	500	37.921	16.621	25.371	1.00	0.00
C									
HETATM	7587	H2	PRP	500	37.876	16.067	24.433	1.00	0.00
H									

HETATM	7588	H3	PRP	500	37.583	15.867	26.082	1.00	0.00
H									
HETATM	7589	C2	PRP	500	36.993	17.892	25.524	1.00	0.00
C									
HETATM	7590	H4	PRP	500	37.349	18.583	24.760	1.00	0.00
H									
HETATM	7591	O2	PRP	500	37.073	18.442	26.870	1.00	0.00
O									
HETATM	7592	H5	PRP	500	36.848	19.336	26.601	1.00	0.00
H									
HETATM	7593	C3	PRP	500	35.549	17.469	25.137	1.00	0.00
C									
HETATM	7594	H6	PRP	500	34.848	18.296	25.248	1.00	0.00
H									
HETATM	7595	H7	PRP	500	35.622	17.113	24.110	1.00	0.00
H									
HETATM	7596	H8	PRP	500	35.271	16.621	25.763	1.00	0.00
H									
HETATM	7597	O1	PRP	501	21.833	-5.472	39.475	1.00	0.00
O									
HETATM	7598	H1	PRP	501	21.976	-5.134	38.589	1.00	0.00
H									
HETATM	7599	C1	PRP	501	21.353	-4.350	40.221	1.00	0.00
C									
HETATM	7600	H2	PRP	501	20.308	-4.068	40.096	1.00	0.00
H									
HETATM	7601	H3	PRP	501	21.431	-4.623	41.273	1.00	0.00
H									
HETATM	7602	C2	PRP	501	22.228	-3.149	39.925	1.00	0.00
C									
HETATM	7603	H4	PRP	501	22.039	-2.281	40.556	1.00	0.00
H									
HETATM	7604	O2	PRP	501	21.824	-2.777	38.680	1.00	0.00
O									
HETATM	7605	H5	PRP	501	22.136	-1.880	38.542	1.00	0.00
H									
HETATM	7606	C3	PRP	501	23.698	-3.399	39.940	1.00	0.00
C									
HETATM	7607	H6	PRP	501	24.025	-3.569	40.966	1.00	0.00
H									
HETATM	7608	H7	PRP	501	23.967	-4.236	39.296	1.00	0.00
H									
HETATM	7609	H8	PRP	501	24.137	-2.485	39.540	1.00	0.00
H									
HETATM	7610	O1	PRP	502	33.817	17.635	14.116	1.00	0.00
O									
HETATM	7611	H1	PRP	502	34.528	17.224	13.619	1.00	0.00
H									
HETATM	7612	C1	PRP	502	34.294	18.783	14.821	1.00	0.00
C									
HETATM	7613	H2	PRP	502	33.366	19.206	15.205	1.00	0.00
H									
HETATM	7614	H3	PRP	502	34.883	18.461	15.681	1.00	0.00
H									
HETATM	7615	C2	PRP	502	35.066	19.838	13.945	1.00	0.00
C									

HETATM	7616	H4	PRP	502	34.450	19.956	13.053	1.00	0.00
H									
HETATM	7617	O2	PRP	502	36.283	19.282	13.434	1.00	0.00
O									
HETATM	7618	H5	PRP	502	36.785	20.018	13.076	1.00	0.00
H									
HETATM	7619	C3	PRP	502	35.486	21.092	14.699	1.00	0.00
C									
HETATM	7620	H6	PRP	502	36.007	21.713	13.969	1.00	0.00
H									
HETATM	7621	H7	PRP	502	34.522	21.533	14.951	1.00	0.00
H									
HETATM	7622	H8	PRP	502	36.087	20.941	15.596	1.00	0.00
H									
HETATM	7623	O1	PRP	503	35.015	19.105	21.860	1.00	0.00
O									
HETATM	7624	H1	PRP	503	35.466	19.032	22.705	1.00	0.00
H									
HETATM	7625	C1	PRP	503	34.136	17.967	21.895	1.00	0.00
C									
HETATM	7626	H2	PRP	503	34.777	17.106	22.083	1.00	0.00
H									
HETATM	7627	H3	PRP	503	33.309	17.947	22.605	1.00	0.00
H									
HETATM	7628	C2	PRP	503	33.620	17.818	20.518	1.00	0.00
C									
HETATM	7629	H4	PRP	503	32.989	16.930	20.533	1.00	0.00
H									
HETATM	7630	O2	PRP	503	34.733	17.578	19.648	1.00	0.00
O									
HETATM	7631	H5	PRP	503	35.456	17.911	20.185	1.00	0.00
H									
HETATM	7632	C3	PRP	503	32.708	18.888	19.928	1.00	0.00
C									
HETATM	7633	H6	PRP	503	32.997	19.889	20.247	1.00	0.00
H									
HETATM	7634	H7	PRP	503	32.664	18.960	18.841	1.00	0.00
H									
HETATM	7635	H8	PRP	503	31.693	18.652	20.246	1.00	0.00
H									
HETATM	7636	O1	PRP	504	10.767	22.621	34.118	1.00	0.00
O									
HETATM	7637	H1	PRP	504	11.437	22.479	34.791	1.00	0.00
H									
HETATM	7638	C1	PRP	504	11.232	22.826	32.807	1.00	0.00
C									
HETATM	7639	H2	PRP	504	12.268	23.163	32.838	1.00	0.00
H									
HETATM	7640	H3	PRP	504	11.229	21.909	32.218	1.00	0.00
H									
HETATM	7641	C2	PRP	504	10.355	23.904	32.092	1.00	0.00
C									
HETATM	7642	H4	PRP	504	10.840	24.263	31.184	1.00	0.00
H									
HETATM	7643	O2	PRP	504	10.518	25.111	32.928	1.00	0.00
O									

HETATM	7644	H5	PRP	504	10.486	25.851	32.317	1.00	0.00
H									
HETATM	7645	C3	PRP	504	8.863	23.445	31.864	1.00	0.00
C									
HETATM	7646	H6	PRP	504	8.806	22.557	31.233	1.00	0.00
H									
HETATM	7647	H7	PRP	504	8.400	23.184	32.815	1.00	0.00
H									
HETATM	7648	H8	PRP	504	8.371	24.269	31.348	1.00	0.00
H									
HETATM	7649	O1	PRP	505	6.692	30.827	37.402	1.00	0.00
O									
HETATM	7650	H1	PRP	505	6.443	30.639	36.494	1.00	0.00
H									
HETATM	7651	C1	PRP	505	8.087	31.157	37.406	1.00	0.00
C									
HETATM	7652	H2	PRP	505	8.626	30.601	36.640	1.00	0.00
H									
HETATM	7653	H3	PRP	505	8.117	32.219	37.161	1.00	0.00
H									
HETATM	7654	C2	PRP	505	8.837	30.928	38.738	1.00	0.00
C									
HETATM	7655	H4	PRP	505	8.691	29.884	39.016	1.00	0.00
H									
HETATM	7656	O2	PRP	505	8.358	31.824	39.752	1.00	0.00
O									
HETATM	7657	H5	PRP	505	7.435	31.617	39.917	1.00	0.00
H									
HETATM	7658	C3	PRP	505	10.313	31.180	38.572	1.00	0.00
C									
HETATM	7659	H6	PRP	505	10.468	32.258	38.627	1.00	0.00
H									
HETATM	7660	H7	PRP	505	10.749	30.624	39.402	1.00	0.00
H									
HETATM	7661	H8	PRP	505	10.638	30.788	37.608	1.00	0.00
H									
HETATM	7662	O1	PRP	506	5.834	38.418	45.526	1.00	0.00
O									
HETATM	7663	H1	PRP	506	6.168	38.179	46.394	1.00	0.00
H									
HETATM	7664	C1	PRP	506	4.543	38.951	45.829	1.00	0.00
C									
HETATM	7665	H2	PRP	506	4.631	39.794	46.516	1.00	0.00
H									
HETATM	7666	H3	PRP	506	4.112	39.233	44.869	1.00	0.00
H									
HETATM	7667	C2	PRP	506	3.637	37.937	46.592	1.00	0.00
C									
HETATM	7668	H4	PRP	506	2.636	38.356	46.700	1.00	0.00
H									
HETATM	7669	O2	PRP	506	4.054	37.619	47.901	1.00	0.00
O									
HETATM	7670	H5	PRP	506	3.507	36.894	48.212	1.00	0.00
H									
HETATM	7671	C3	PRP	506	3.428	36.682	45.692	1.00	0.00
C									

HETATM	7672	H6	PRP	506	4.403	36.220	45.536	1.00	0.00
H									
HETATM	7673	H7	PRP	506	2.639	36.037	46.081	1.00	0.00
H									
HETATM	7674	H8	PRP	506	3.222	36.943	44.654	1.00	0.00
H									
HETATM	7675	O1	PRP	507	15.176	33.670	29.897	1.00	0.00
O									
HETATM	7676	H1	PRP	507	14.590	34.343	30.251	1.00	0.00
H									
HETATM	7677	C1	PRP	507	16.188	34.531	29.455	1.00	0.00
C									
HETATM	7678	H2	PRP	507	16.770	34.040	28.676	1.00	0.00
H									
HETATM	7679	H3	PRP	507	15.848	35.472	29.021	1.00	0.00
H									
HETATM	7680	C2	PRP	507	17.107	34.664	30.607	1.00	0.00
C									
HETATM	7681	H4	PRP	507	17.282	33.669	31.017	1.00	0.00
H									
HETATM	7682	O2	PRP	507	16.508	35.460	31.552	1.00	0.00
O									
HETATM	7683	H5	PRP	507	16.091	34.871	32.186	1.00	0.00
H									
HETATM	7684	C3	PRP	507	18.398	35.255	29.991	1.00	0.00
C									
HETATM	7685	H6	PRP	507	18.068	36.157	29.475	1.00	0.00
H									
HETATM	7686	H7	PRP	507	19.105	35.414	30.805	1.00	0.00
H									
HETATM	7687	H8	PRP	507	18.769	34.613	29.192	1.00	0.00
H									
HETATM	7688	O1	PRP	508	29.859	37.141	20.134	1.00	0.00
O									
HETATM	7689	H1	PRP	508	29.766	37.301	21.076	1.00	0.00
H									
HETATM	7690	C1	PRP	508	31.244	37.048	19.813	1.00	0.00
C									
HETATM	7691	H2	PRP	508	31.352	36.868	18.744	1.00	0.00
H									
HETATM	7692	H3	PRP	508	31.522	38.073	20.055	1.00	0.00
H									
HETATM	7693	C2	PRP	508	32.050	36.003	20.649	1.00	0.00
C									
HETATM	7694	H4	PRP	508	31.588	35.016	20.659	1.00	0.00
H									
HETATM	7695	O2	PRP	508	32.240	36.429	21.985	1.00	0.00
O									
HETATM	7696	H5	PRP	508	32.637	37.302	22.030	1.00	0.00
H									
HETATM	7697	C3	PRP	508	33.491	35.958	20.212	1.00	0.00
C									
HETATM	7698	H6	PRP	508	34.146	35.425	20.902	1.00	0.00
H									
HETATM	7699	H7	PRP	508	33.619	35.425	19.270	1.00	0.00
H									

HETATM	7700	H8	PRP	508	33.891	36.967	20.121	1.00	0.00
H									
HETATM	7701	O1	PRP	509	15.301	33.401	33.442	1.00	0.00
O									
HETATM	7702	H1	PRP	509	14.995	33.371	34.351	1.00	0.00
H									
HETATM	7703	C1	PRP	509	15.301	32.101	32.880	1.00	0.00
C									
HETATM	7704	H2	PRP	509	15.853	32.028	31.943	1.00	0.00
H									
HETATM	7705	H3	PRP	509	15.706	31.457	33.661	1.00	0.00
H									
HETATM	7706	C2	PRP	509	13.896	31.769	32.533	1.00	0.00
C									
HETATM	7707	H4	PRP	509	13.522	32.486	31.802	1.00	0.00
H									
HETATM	7708	O2	PRP	509	13.016	31.778	33.689	1.00	0.00
O									
HETATM	7709	H5	PRP	509	12.615	30.914	33.810	1.00	0.00
H									
HETATM	7710	C3	PRP	509	13.845	30.367	31.873	1.00	0.00
C									
HETATM	7711	H6	PRP	509	14.317	30.459	30.895	1.00	0.00
H									
HETATM	7712	H7	PRP	509	14.410	29.739	32.562	1.00	0.00
H									
HETATM	7713	H8	PRP	509	12.884	29.896	31.668	1.00	0.00
H									
HETATM	7714	O1	PRP	510	2.221	15.682	43.960	1.00	0.00
O									
HETATM	7715	H1	PRP	510	1.823	16.343	44.531	1.00	0.00
H									
HETATM	7716	C1	PRP	510	3.579	15.800	44.124	1.00	0.00
C									
HETATM	7717	H2	PRP	510	4.012	15.017	43.501	1.00	0.00
H									
HETATM	7718	H3	PRP	510	3.985	16.744	43.762	1.00	0.00
H									
HETATM	7719	C2	PRP	510	3.852	15.699	45.589	1.00	0.00
C									
HETATM	7720	H4	PRP	510	3.587	14.682	45.877	1.00	0.00
H									
HETATM	7721	O2	PRP	510	3.066	16.632	46.290	1.00	0.00
O									
HETATM	7722	H5	PRP	510	3.346	16.533	47.203	1.00	0.00
H									
HETATM	7723	C3	PRP	510	5.322	15.882	45.876	1.00	0.00
C									
HETATM	7724	H6	PRP	510	5.628	15.560	46.871	1.00	0.00
H									
HETATM	7725	H7	PRP	510	6.009	15.253	45.309	1.00	0.00
H									
HETATM	7726	H8	PRP	510	5.487	16.951	45.743	1.00	0.00
H									
HETATM	7727	O1	PRP	511	37.311	41.611	34.492	1.00	0.00
O									

HETATM	7728	H1	PRP	511	38.262	41.652	34.371	1.00	0.00
H									
HETATM	7729	C1	PRP	511	37.076	40.596	35.443	1.00	0.00
C									
HETATM	7730	H2	PRP	511	38.005	40.029	35.392	1.00	0.00
H									
HETATM	7731	H3	PRP	511	37.066	40.993	36.458	1.00	0.00
H									
HETATM	7732	C2	PRP	511	35.816	39.773	35.032	1.00	0.00
C									
HETATM	7733	H4	PRP	511	35.930	39.480	33.988	1.00	0.00
H									
HETATM	7734	O2	PRP	511	34.528	40.342	35.105	1.00	0.00
O									
HETATM	7735	H5	PRP	511	34.003	39.950	34.404	1.00	0.00
H									
HETATM	7736	C3	PRP	511	35.832	38.459	35.794	1.00	0.00
C									
HETATM	7737	H6	PRP	511	35.139	37.744	35.351	1.00	0.00
H									
HETATM	7738	H7	PRP	511	36.842	38.059	35.883	1.00	0.00
H									
HETATM	7739	H8	PRP	511	35.441	38.620	36.798	1.00	0.00
H									
HETATM	7740	O1	PRP	512	29.146	40.114	35.247	1.00	0.00
O									
HETATM	7741	H1	PRP	512	29.118	39.155	35.295	1.00	0.00
H									
HETATM	7742	C1	PRP	512	29.973	40.525	34.208	1.00	0.00
C									
HETATM	7743	H2	PRP	512	29.638	41.538	33.984	1.00	0.00
H									
HETATM	7744	H3	PRP	512	31.022	40.340	34.443	1.00	0.00
H									
HETATM	7745	C2	PRP	512	29.587	39.812	32.916	1.00	0.00
C									
HETATM	7746	H4	PRP	512	28.520	39.600	32.853	1.00	0.00
H									
HETATM	7747	O2	PRP	512	30.296	38.670	32.653	1.00	0.00
O									
HETATM	7748	H5	PRP	512	29.757	38.122	32.079	1.00	0.00
H									
HETATM	7749	C3	PRP	512	29.775	40.722	31.735	1.00	0.00
C									
HETATM	7750	H6	PRP	512	29.190	41.641	31.772	1.00	0.00
H									
HETATM	7751	H7	PRP	512	30.773	41.162	31.729	1.00	0.00
H									
HETATM	7752	H8	PRP	512	29.480	40.225	30.811	1.00	0.00
H									
HETATM	7753	O1	PRP	513	11.428	11.868	23.928	1.00	0.00
O									
HETATM	7754	H1	PRP	513	10.844	11.123	24.086	1.00	0.00
H									
HETATM	7755	C1	PRP	513	11.134	12.587	22.743	1.00	0.00
C									

HETATM	7756	H2	PRP	513	11.696	13.521	22.754	1.00	0.00
H									
HETATM	7757	H3	PRP	513	11.424	11.972	21.891	1.00	0.00
H									
HETATM	7758	C2	PRP	513	9.644	12.906	22.724	1.00	0.00
C									
HETATM	7759	H4	PRP	513	9.318	13.604	23.495	1.00	0.00
H									
HETATM	7760	O2	PRP	513	8.806	11.693	22.763	1.00	0.00
O									
HETATM	7761	H5	PRP	513	7.934	11.872	22.403	1.00	0.00
H									
HETATM	7762	C3	PRP	513	9.247	13.624	21.425	1.00	0.00
C									
HETATM	7763	H6	PRP	513	8.165	13.739	21.488	1.00	0.00
H									
HETATM	7764	H7	PRP	513	9.634	14.642	21.468	1.00	0.00
H									
HETATM	7765	H8	PRP	513	9.502	13.045	20.537	1.00	0.00
H									
HETATM	7766	O1	PRP	514	22.086	36.641	30.352	1.00	0.00
O									
HETATM	7767	H1	PRP	514	21.348	37.254	30.398	1.00	0.00
H									
HETATM	7768	C1	PRP	514	21.999	35.864	31.586	1.00	0.00
C									
HETATM	7769	H2	PRP	514	21.899	36.454	32.497	1.00	0.00
H									
HETATM	7770	H3	PRP	514	21.091	35.267	31.503	1.00	0.00
H									
HETATM	7771	C2	PRP	514	23.253	34.967	31.810	1.00	0.00
C									
HETATM	7772	H4	PRP	514	23.174	34.359	32.711	1.00	0.00
H									
HETATM	7773	O2	PRP	514	24.417	35.785	31.826	1.00	0.00
O									
HETATM	7774	H5	PRP	514	24.277	36.333	31.050	1.00	0.00
H									
HETATM	7775	C3	PRP	514	23.528	33.925	30.763	1.00	0.00
C									
HETATM	7776	H6	PRP	514	22.630	33.315	30.666	1.00	0.00
H									
HETATM	7777	H7	PRP	514	23.889	34.307	29.808	1.00	0.00
H									
HETATM	7778	H8	PRP	514	24.304	33.234	31.092	1.00	0.00
H									
HETATM	7779	O1	PRP	515	11.653	7.175	26.603	1.00	0.00
O									
HETATM	7780	H1	PRP	515	11.412	6.557	27.298	1.00	0.00
H									
HETATM	7781	C1	PRP	515	10.557	7.925	26.095	1.00	0.00
C									
HETATM	7782	H2	PRP	515	10.922	8.396	25.182	1.00	0.00
H									
HETATM	7783	H3	PRP	515	9.732	7.250	25.864	1.00	0.00
H									

HETATM	7784	C2	PRP	515	10.009	8.964	27.048	1.00	0.00
C									
HETATM	7785	H4	PRP	515	10.791	9.655	27.363	1.00	0.00
H									
HETATM	7786	O2	PRP	515	9.282	8.341	28.066	1.00	0.00
O									
HETATM	7787	H5	PRP	515	9.727	7.590	28.466	1.00	0.00
H									
HETATM	7788	C3	PRP	515	9.020	9.966	26.445	1.00	0.00
C									
HETATM	7789	H6	PRP	515	8.556	10.632	27.172	1.00	0.00
H									
HETATM	7790	H7	PRP	515	9.569	10.489	25.662	1.00	0.00
H									
HETATM	7791	H8	PRP	515	8.173	9.480	25.959	1.00	0.00
H									
HETATM	7792	O1	PRP	516	32.071	42.650	17.410	1.00	0.00
O									
HETATM	7793	H1	PRP	516	32.165	43.590	17.580	1.00	0.00
H									
HETATM	7794	C1	PRP	516	30.813	42.377	16.821	1.00	0.00
C									
HETATM	7795	H2	PRP	516	30.760	42.897	15.865	1.00	0.00
H									
HETATM	7796	H3	PRP	516	30.754	41.325	16.541	1.00	0.00
H									
HETATM	7797	C2	PRP	516	29.645	42.429	17.913	1.00	0.00
C									
HETATM	7798	H4	PRP	516	28.740	41.985	17.498	1.00	0.00
H									
HETATM	7799	O2	PRP	516	29.474	43.853	18.088	1.00	0.00
O									
HETATM	7800	H5	PRP	516	28.693	44.026	18.617	1.00	0.00
H									
HETATM	7801	C3	PRP	516	29.977	41.661	19.257	1.00	0.00
C									
HETATM	7802	H6	PRP	516	30.465	40.743	18.932	1.00	0.00
H									
HETATM	7803	H7	PRP	516	30.727	42.213	19.824	1.00	0.00
H									
HETATM	7804	H8	PRP	516	29.121	41.371	19.867	1.00	0.00
H									
HETATM	7805	O1	PRP	517	14.268	14.317	24.480	1.00	0.00
O									
HETATM	7806	H1	PRP	517	15.051	14.348	23.925	1.00	0.00
H									
HETATM	7807	C1	PRP	517	14.320	13.094	25.266	1.00	0.00
C									
HETATM	7808	H2	PRP	517	15.012	13.237	26.097	1.00	0.00
H									
HETATM	7809	H3	PRP	517	13.329	12.803	25.615	1.00	0.00
H									
HETATM	7810	C2	PRP	517	14.882	11.952	24.514	1.00	0.00
C									
HETATM	7811	H4	PRP	517	15.956	12.088	24.390	1.00	0.00
H									

HETATM	7812	O2	PRP	517	14.350	11.807	23.234	1.00	0.00
O									
HETATM	7813	H5	PRP	517	13.396	11.855	23.324	1.00	0.00
H									
HETATM	7814	C3	PRP	517	14.797	10.646	25.318	1.00	0.00
C									
HETATM	7815	H6	PRP	517	15.408	9.852	24.889	1.00	0.00
H									
HETATM	7816	H7	PRP	517	15.078	10.909	26.338	1.00	0.00
H									
HETATM	7817	H8	PRP	517	13.767	10.290	25.315	1.00	0.00
H									
HETATM	7818	O1	PRP	518	44.280	30.989	24.592	1.00	0.00
O									
HETATM	7819	H1	PRP	518	44.366	30.460	25.389	1.00	0.00
H									
HETATM	7820	C1	PRP	518	43.658	32.171	25.058	1.00	0.00
C									
HETATM	7821	H2	PRP	518	44.520	32.833	25.149	1.00	0.00
H									
HETATM	7822	H3	PRP	518	42.940	32.574	24.345	1.00	0.00
H									
HETATM	7823	C2	PRP	518	43.023	31.841	26.371	1.00	0.00
C									
HETATM	7824	H4	PRP	518	42.808	32.788	26.866	1.00	0.00
H									
HETATM	7825	O2	PRP	518	43.887	31.131	27.234	1.00	0.00
O									
HETATM	7826	H5	PRP	518	43.347	30.823	27.965	1.00	0.00
H									
HETATM	7827	C3	PRP	518	41.737	31.122	26.231	1.00	0.00
C									
HETATM	7828	H6	PRP	518	41.918	30.504	25.351	1.00	0.00
H									
HETATM	7829	H7	PRP	518	41.406	30.578	27.116	1.00	0.00
H									
HETATM	7830	H8	PRP	518	40.955	31.834	25.967	1.00	0.00
H									
HETATM	7831	O1	PRP	519	6.894	-0.646	15.536	1.00	0.00
O									
HETATM	7832	H1	PRP	519	7.405	-1.450	15.415	1.00	0.00
H									
HETATM	7833	C1	PRP	519	7.650	0.459	14.950	1.00	0.00
C									
HETATM	7834	H2	PRP	519	8.571	0.649	15.501	1.00	0.00
H									
HETATM	7835	H3	PRP	519	7.898	0.139	13.938	1.00	0.00
H									
HETATM	7836	C2	PRP	519	6.879	1.737	14.949	1.00	0.00
C									
HETATM	7837	H4	PRP	519	6.420	1.801	15.935	1.00	0.00
H									
HETATM	7838	O2	PRP	519	5.923	1.852	13.853	1.00	0.00
O									
HETATM	7839	H5	PRP	519	5.269	1.179	14.055	1.00	0.00
H									

HETATM	7840	C3	PRP	519	7.793	2.931	14.828	1.00	0.00
C									
HETATM	7841	H6	PRP	519	8.316	2.863	13.875	1.00	0.00
H									
HETATM	7842	H7	PRP	519	7.122	3.789	14.889	1.00	0.00
H									
HETATM	7843	H8	PRP	519	8.599	2.946	15.562	1.00	0.00
H									
HETATM	7844	O1	PRP	520	37.439	17.293	22.171	1.00	0.00
O									
HETATM	7845	H1	PRP	520	38.349	17.550	22.342	1.00	0.00
H									
HETATM	7846	C1	PRP	520	37.575	15.952	21.654	1.00	0.00
C									
HETATM	7847	H2	PRP	520	37.750	15.258	22.476	1.00	0.00
H									
HETATM	7848	H3	PRP	520	36.706	15.689	21.050	1.00	0.00
H									
HETATM	7849	C2	PRP	520	38.819	15.952	20.750	1.00	0.00
C									
HETATM	7850	H4	PRP	520	38.987	14.960	20.330	1.00	0.00
H									
HETATM	7851	O2	PRP	520	40.097	16.270	21.436	1.00	0.00
O									
HETATM	7852	H5	PRP	520	40.817	15.948	20.889	1.00	0.00
H									
HETATM	7853	C3	PRP	520	38.665	16.845	19.508	1.00	0.00
C									
HETATM	7854	H6	PRP	520	39.298	16.565	18.666	1.00	0.00
H									
HETATM	7855	H7	PRP	520	37.608	16.821	19.242	1.00	0.00
H									
HETATM	7856	H8	PRP	520	38.902	17.874	19.781	1.00	0.00
H									
HETATM	7857	O1	PRP	521	31.355	25.389	17.200	1.00	0.00
O									
HETATM	7858	H1	PRP	521	30.855	24.965	16.498	1.00	0.00
H									
HETATM	7859	C1	PRP	521	30.394	25.597	18.195	1.00	0.00
C									
HETATM	7860	H2	PRP	521	29.730	26.399	17.873	1.00	0.00
H									
HETATM	7861	H3	PRP	521	29.895	24.649	18.389	1.00	0.00
H									
HETATM	7862	C2	PRP	521	30.972	26.067	19.570	1.00	0.00
C									
HETATM	7863	H4	PRP	521	30.171	26.172	20.301	1.00	0.00
H									
HETATM	7864	O2	PRP	521	31.658	27.313	19.390	1.00	0.00
O									
HETATM	7865	H5	PRP	521	32.289	27.280	18.667	1.00	0.00
H									
HETATM	7866	C3	PRP	521	31.954	25.085	20.173	1.00	0.00
C									
HETATM	7867	H6	PRP	521	32.891	25.096	19.615	1.00	0.00
H									

HETATM	7868	H7	PRP	521	32.167	25.388	21.199	1.00	0.00
H									
HETATM	7869	H8	PRP	521	31.502	24.094	20.167	1.00	0.00
H									
HETATM	7870	O1	PRP	522	3.189	20.973	16.752	1.00	0.00
O									
HETATM	7871	H1	PRP	522	3.001	20.101	16.398	1.00	0.00
H									
HETATM	7872	C1	PRP	522	4.053	20.881	17.888	1.00	0.00
C									
HETATM	7873	H2	PRP	522	4.609	21.811	18.009	1.00	0.00
H									
HETATM	7874	H3	PRP	522	3.334	20.652	18.674	1.00	0.00
H									
HETATM	7875	C2	PRP	522	5.102	19.806	17.704	1.00	0.00
C									
HETATM	7876	H4	PRP	522	5.907	20.229	17.104	1.00	0.00
H									
HETATM	7877	O2	PRP	522	4.560	18.702	16.961	1.00	0.00
O									
HETATM	7878	H5	PRP	522	5.203	17.990	17.004	1.00	0.00
H									
HETATM	7879	C3	PRP	522	5.705	19.379	19.020	1.00	0.00
C									
HETATM	7880	H6	PRP	522	6.406	20.163	19.307	1.00	0.00
H									
HETATM	7881	H7	PRP	522	4.959	19.299	19.810	1.00	0.00
H									
HETATM	7882	H8	PRP	522	6.095	18.366	18.928	1.00	0.00
H									
HETATM	7883	O1	PRP	523	5.853	32.807	26.951	1.00	0.00
O									
HETATM	7884	H1	PRP	523	5.498	32.960	27.830	1.00	0.00
H									
HETATM	7885	C1	PRP	523	5.528	31.485	26.798	1.00	0.00
C									
HETATM	7886	H2	PRP	523	4.465	31.393	26.574	1.00	0.00
H									
HETATM	7887	H3	PRP	523	6.119	31.006	26.017	1.00	0.00
H									
HETATM	7888	C2	PRP	523	5.774	30.788	28.188	1.00	0.00
C									
HETATM	7889	H4	PRP	523	5.039	29.983	28.208	1.00	0.00
H									
HETATM	7890	O2	PRP	523	5.500	31.714	29.290	1.00	0.00
O									
HETATM	7891	H5	PRP	523	5.805	31.238	30.066	1.00	0.00
H									
HETATM	7892	C3	PRP	523	7.223	30.376	28.383	1.00	0.00
C									
HETATM	7893	H6	PRP	523	7.319	29.482	27.769	1.00	0.00
H									
HETATM	7894	H7	PRP	523	7.986	31.128	28.181	1.00	0.00
H									
HETATM	7895	H8	PRP	523	7.356	29.998	29.397	1.00	0.00
H									

HETATM	7896	O1	PRP	524	5.867	36.819	22.150	1.00	0.00
O									
HETATM	7897	H1	PRP	524	5.951	36.235	21.393	1.00	0.00
H									
HETATM	7898	C1	PRP	524	7.098	37.179	22.726	1.00	0.00
C									
HETATM	7899	H2	PRP	524	7.803	36.603	22.126	1.00	0.00
H									
HETATM	7900	H3	PRP	524	7.179	38.266	22.719	1.00	0.00
H									
HETATM	7901	C2	PRP	524	7.086	36.542	24.169	1.00	0.00
C									
HETATM	7902	H4	PRP	524	6.527	35.608	24.220	1.00	0.00
H									
HETATM	7903	O2	PRP	524	6.386	37.378	25.080	1.00	0.00
O									
HETATM	7904	H5	PRP	524	6.582	37.082	25.972	1.00	0.00
H									
HETATM	7905	C3	PRP	524	8.526	36.302	24.544	1.00	0.00
C									
HETATM	7906	H6	PRP	524	9.183	37.170	24.501	1.00	0.00
H									
HETATM	7907	H7	PRP	524	8.620	35.893	25.550	1.00	0.00
H									
HETATM	7908	H8	PRP	524	8.940	35.610	23.811	1.00	0.00
H									
HETATM	7909	O1	PRP	525	9.447	28.509	32.969	1.00	0.00
O									
HETATM	7910	H1	PRP	525	9.039	27.650	33.095	1.00	0.00
H									
HETATM	7911	C1	PRP	525	10.216	28.430	31.813	1.00	0.00
C									
HETATM	7912	H2	PRP	525	10.619	29.429	31.645	1.00	0.00
H									
HETATM	7913	H3	PRP	525	11.061	27.749	31.915	1.00	0.00
H									
HETATM	7914	C2	PRP	525	9.441	28.012	30.576	1.00	0.00
C									
HETATM	7915	H4	PRP	525	8.596	28.695	30.499	1.00	0.00
H									
HETATM	7916	O2	PRP	525	9.123	26.686	30.689	1.00	0.00
O									
HETATM	7917	H5	PRP	525	8.802	26.312	29.866	1.00	0.00
H									
HETATM	7918	C3	PRP	525	10.254	28.241	29.280	1.00	0.00
C									
HETATM	7919	H6	PRP	525	9.630	28.196	28.387	1.00	0.00
H									
HETATM	7920	H7	PRP	525	10.700	29.234	29.237	1.00	0.00
H									
HETATM	7921	H8	PRP	525	11.103	27.564	29.192	1.00	0.00
H									
HETATM	7922	O1	PRP	526	19.314	34.285	33.275	1.00	0.00
O									
HETATM	7923	H1	PRP	526	19.149	35.140	32.871	1.00	0.00
H									

HETATM	7924	C1	PRP	526	20.217	34.494	34.366	1.00	0.00
C									
HETATM	7925	H2	PRP	526	20.106	33.643	35.039	1.00	0.00
H									
HETATM	7926	H3	PRP	526	21.243	34.569	34.005	1.00	0.00
H									
HETATM	7927	C2	PRP	526	19.810	35.802	35.084	1.00	0.00
C									
HETATM	7928	H4	PRP	526	18.720	35.832	35.062	1.00	0.00
H									
HETATM	7929	O2	PRP	526	20.282	36.957	34.410	1.00	0.00
O									
HETATM	7930	H5	PRP	526	19.707	37.697	34.617	1.00	0.00
H									
HETATM	7931	C3	PRP	526	20.250	35.831	36.555	1.00	0.00
C									
HETATM	7932	H6	PRP	526	19.856	36.693	37.094	1.00	0.00
H									
HETATM	7933	H7	PRP	526	19.901	35.001	37.169	1.00	0.00
H									
HETATM	7934	H8	PRP	526	21.334	35.887	36.644	1.00	0.00
H									
HETATM	7935	O1	PRP	527	16.085	36.285	40.585	1.00	0.00
O									
HETATM	7936	H1	PRP	527	15.976	37.237	40.633	1.00	0.00
H									
HETATM	7937	C1	PRP	527	16.921	36.017	39.503	1.00	0.00
C									
HETATM	7938	H2	PRP	527	17.921	36.352	39.777	1.00	0.00
H									
HETATM	7939	H3	PRP	527	17.029	34.954	39.288	1.00	0.00
H									
HETATM	7940	C2	PRP	527	16.566	36.948	38.352	1.00	0.00
C									
HETATM	7941	H4	PRP	527	17.273	36.675	37.569	1.00	0.00
H									
HETATM	7942	O2	PRP	527	16.702	38.304	38.535	1.00	0.00
O									
HETATM	7943	H5	PRP	527	17.613	38.502	38.762	1.00	0.00
H									
HETATM	7944	C3	PRP	527	15.155	36.593	37.806	1.00	0.00
C									
HETATM	7945	H6	PRP	527	15.080	35.521	37.620	1.00	0.00
H									
HETATM	7946	H7	PRP	527	14.475	36.949	38.579	1.00	0.00
H									
HETATM	7947	H8	PRP	527	15.001	37.123	36.866	1.00	0.00
H									
HETATM	7948	O1	PRP	528	9.349	43.782	15.595	1.00	0.00
O									
HETATM	7949	H1	PRP	528	9.219	44.569	15.061	1.00	0.00
H									
HETATM	7950	C1	PRP	528	8.106	43.202	15.579	1.00	0.00
C									
HETATM	7951	H2	PRP	528	7.737	43.077	14.561	1.00	0.00
H									

HETATM	7952	H3	PRP	528	8.237	42.213	16.018	1.00	0.00
H									
HETATM	7953	C2	PRP	528	7.155	44.038	16.476	1.00	0.00
C									
HETATM	7954	H4	PRP	528	7.301	45.115	16.388	1.00	0.00
H									
HETATM	7955	O2	PRP	528	7.376	43.742	17.837	1.00	0.00
O									
HETATM	7956	H5	PRP	528	8.181	44.151	18.164	1.00	0.00
H									
HETATM	7957	C3	PRP	528	5.756	43.703	16.018	1.00	0.00
C									
HETATM	7958	H6	PRP	528	5.579	42.645	16.209	1.00	0.00
H									
HETATM	7959	H7	PRP	528	5.027	44.262	16.606	1.00	0.00
H									
HETATM	7960	H8	PRP	528	5.664	43.799	14.936	1.00	0.00
H									
HETATM	7961	O1	PRP	529	2.542	21.063	34.451	1.00	0.00
O									
HETATM	7962	H1	PRP	529	1.932	20.464	34.886	1.00	0.00
H									
HETATM	7963	C1	PRP	529	3.118	20.400	33.359	1.00	0.00
C									
HETATM	7964	H2	PRP	529	3.924	19.792	33.771	1.00	0.00
H									
HETATM	7965	H3	PRP	529	2.472	19.985	32.585	1.00	0.00
H									
HETATM	7966	C2	PRP	529	3.845	21.480	32.589	1.00	0.00
C									
HETATM	7967	H4	PRP	529	4.533	22.028	33.233	1.00	0.00
H									
HETATM	7968	O2	PRP	529	2.848	22.188	31.915	1.00	0.00
O									
HETATM	7969	H5	PRP	529	2.346	22.490	32.675	1.00	0.00
H									
HETATM	7970	C3	PRP	529	4.784	20.820	31.522	1.00	0.00
C									
HETATM	7971	H6	PRP	529	5.235	21.658	30.989	1.00	0.00
H									
HETATM	7972	H7	PRP	529	5.520	20.171	31.995	1.00	0.00
H									
HETATM	7973	H8	PRP	529	4.193	20.270	30.790	1.00	0.00
H									
HETATM	7974	O1	PRP	530	5.703	23.106	37.628	1.00	0.00
O									
HETATM	7975	H1	PRP	530	6.528	22.823	38.029	1.00	0.00
H									
HETATM	7976	C1	PRP	530	5.104	21.961	37.019	1.00	0.00
C									
HETATM	7977	H2	PRP	530	4.388	22.214	36.237	1.00	0.00
H									
HETATM	7978	H3	PRP	530	5.909	21.352	36.608	1.00	0.00
H									
HETATM	7979	C2	PRP	530	4.431	21.171	38.143	1.00	0.00
C									

HETATM	7980	H4	PRP	530	3.656	21.833	38.531	1.00	0.00
H									
HETATM	7981	O2	PRP	530	5.455	20.846	39.057	1.00	0.00
O									
HETATM	7982	H5	PRP	530	5.721	21.704	39.397	1.00	0.00
H									
HETATM	7983	C3	PRP	530	3.709	19.936	37.654	1.00	0.00
C									
HETATM	7984	H6	PRP	530	4.455	19.183	37.401	1.00	0.00
H									
HETATM	7985	H7	PRP	530	3.021	19.401	38.308	1.00	0.00
H									
HETATM	7986	H8	PRP	530	3.090	20.140	36.781	1.00	0.00
H									
HETATM	7987	O1	PRP	531	20.803	41.752	22.272	1.00	0.00
O									
HETATM	7988	H1	PRP	531	20.495	41.289	21.490	1.00	0.00
H									
HETATM	7989	C1	PRP	531	22.193	41.573	22.309	1.00	0.00
C									
HETATM	7990	H2	PRP	531	22.442	40.648	21.788	1.00	0.00
H									
HETATM	7991	H3	PRP	531	22.716	42.391	21.812	1.00	0.00
H									
HETATM	7992	C2	PRP	531	22.784	41.406	23.797	1.00	0.00
C									
HETATM	7993	H4	PRP	531	23.869	41.326	23.728	1.00	0.00
H									
HETATM	7994	O2	PRP	531	22.225	40.295	24.354	1.00	0.00
O									
HETATM	7995	H5	PRP	531	21.275	40.431	24.358	1.00	0.00
H									
HETATM	7996	C3	PRP	531	22.433	42.592	24.684	1.00	0.00
C									
HETATM	7997	H6	PRP	531	23.290	43.246	24.525	1.00	0.00
H									
HETATM	7998	H7	PRP	531	21.506	43.084	24.389	1.00	0.00
H									
HETATM	7999	H8	PRP	531	22.305	42.370	25.744	1.00	0.00
H									
HETATM	8000	O1	PRP	532	3.062	13.380	24.063	1.00	0.00
O									
HETATM	8001	H1	PRP	532	2.110	13.448	23.965	1.00	0.00
H									
HETATM	8002	C1	PRP	532	3.475	12.047	24.077	1.00	0.00
C									
HETATM	8003	H2	PRP	532	2.807	11.438	24.686	1.00	0.00
H									
HETATM	8004	H3	PRP	532	3.397	11.635	23.071	1.00	0.00
H									
HETATM	8005	C2	PRP	532	4.868	12.021	24.616	1.00	0.00
C									
HETATM	8006	H4	PRP	532	4.976	12.586	25.542	1.00	0.00
H									
HETATM	8007	O2	PRP	532	5.769	12.461	23.601	1.00	0.00
O									

HETATM	8008	H5	PRP	532	5.861	13.416	23.555	1.00	0.00
H									
HETATM	8009	C3	PRP	532	5.239	10.583	24.904	1.00	0.00
C									
HETATM	8010	H6	PRP	532	4.566	10.159	25.650	1.00	0.00
H									
HETATM	8011	H7	PRP	532	5.116	9.975	24.008	1.00	0.00
H									
HETATM	8012	H8	PRP	532	6.273	10.433	25.214	1.00	0.00
H									
HETATM	8013	O1	PRP	533	9.779	15.248	28.169	1.00	0.00
O									
HETATM	8014	H1	PRP	533	10.235	15.384	29.003	1.00	0.00
H									
HETATM	8015	C1	PRP	533	9.997	13.923	27.645	1.00	0.00
C									
HETATM	8016	H2	PRP	533	11.058	13.741	27.476	1.00	0.00
H									
HETATM	8017	H3	PRP	533	9.544	13.131	28.242	1.00	0.00
H									
HETATM	8018	C2	PRP	533	9.298	13.880	26.229	1.00	0.00
C									
HETATM	8019	H4	PRP	533	9.596	12.988	25.678	1.00	0.00
H									
HETATM	8020	O2	PRP	533	9.799	14.992	25.558	1.00	0.00
O									
HETATM	8021	H5	PRP	533	9.654	15.717	26.170	1.00	0.00
H									
HETATM	8022	C3	PRP	533	7.784	14.080	26.110	1.00	0.00
C									
HETATM	8023	H6	PRP	533	7.505	15.131	26.183	1.00	0.00
H									
HETATM	8024	H7	PRP	533	7.223	13.614	25.300	1.00	0.00
H									
HETATM	8025	H8	PRP	533	7.320	13.556	26.945	1.00	0.00
H									
HETATM	8026	O1	PRP	534	20.708	40.019	32.843	1.00	0.00
O									
HETATM	8027	H1	PRP	534	21.561	39.621	33.032	1.00	0.00
H									
HETATM	8028	C1	PRP	534	20.610	40.291	31.424	1.00	0.00
C									
HETATM	8029	H2	PRP	534	20.396	41.357	31.356	1.00	0.00
H									
HETATM	8030	H3	PRP	534	21.522	40.112	30.854	1.00	0.00
H									
HETATM	8031	C2	PRP	534	19.420	39.484	30.740	1.00	0.00
C									
HETATM	8032	H4	PRP	534	18.450	39.720	31.179	1.00	0.00
H									
HETATM	8033	O2	PRP	534	19.634	38.092	30.932	1.00	0.00
O									
HETATM	8034	H5	PRP	534	19.129	37.922	31.731	1.00	0.00
H									
HETATM	8035	C3	PRP	534	19.384	39.817	29.242	1.00	0.00
C									

HETATM	8036	H6	PRP	534	19.149	40.869	29.084	1.00	0.00
H									
HETATM	8037	H7	PRP	534	20.350	39.721	28.747	1.00	0.00
H									
HETATM	8038	H8	PRP	534	18.737	39.094	28.745	1.00	0.00
H									
HETATM	8039	O1	PRP	535	16.638	8.089	17.042	1.00	0.00
O									
HETATM	8040	H1	PRP	535	16.879	7.279	16.588	1.00	0.00
H									
HETATM	8041	C1	PRP	535	15.260	8.118	16.977	1.00	0.00
C									
HETATM	8042	H2	PRP	535	14.871	7.811	16.006	1.00	0.00
H									
HETATM	8043	H3	PRP	535	14.868	7.444	17.739	1.00	0.00
H									
HETATM	8044	C2	PRP	535	14.729	9.493	17.290	1.00	0.00
C									
HETATM	8045	H4	PRP	535	13.641	9.438	17.274	1.00	0.00
H									
HETATM	8046	O2	PRP	535	15.272	10.450	16.353	1.00	0.00
O									
HETATM	8047	H5	PRP	535	16.225	10.483	16.465	1.00	0.00
H									
HETATM	8048	C3	PRP	535	15.042	10.005	18.756	1.00	0.00
C									
HETATM	8049	H6	PRP	535	14.559	9.199	19.308	1.00	0.00
H									
HETATM	8050	H7	PRP	535	16.127	10.007	18.861	1.00	0.00
H									
HETATM	8051	H8	PRP	535	14.565	10.947	19.025	1.00	0.00
H									
HETATM	8052	O1	PRP	536	12.164	17.118	27.496	1.00	0.00
O									
HETATM	8053	H1	PRP	536	11.382	16.628	27.760	1.00	0.00
H									
HETATM	8054	C1	PRP	536	13.288	16.640	28.171	1.00	0.00
C									
HETATM	8055	H2	PRP	536	14.204	17.130	27.839	1.00	0.00
H									
HETATM	8056	H3	PRP	536	13.127	16.884	29.222	1.00	0.00
H									
HETATM	8057	C2	PRP	536	13.467	15.144	28.086	1.00	0.00
C									
HETATM	8058	H4	PRP	536	13.042	14.814	27.138	1.00	0.00
H									
HETATM	8059	O2	PRP	536	12.628	14.605	29.147	1.00	0.00
O									
HETATM	8060	H5	PRP	536	12.725	13.652	29.217	1.00	0.00
H									
HETATM	8061	C3	PRP	536	14.929	14.774	28.397	1.00	0.00
C									
HETATM	8062	H6	PRP	536	15.250	15.093	29.389	1.00	0.00
H									
HETATM	8063	H7	PRP	536	15.026	13.702	28.226	1.00	0.00
H									

HETATM	8064	H8	PRP	536	15.538	15.258	27.634	1.00	0.00
H									
HETATM	8065	O1	PRP	537	30.956	38.468	13.692	1.00	0.00
O									
HETATM	8066	H1	PRP	537	30.107	38.299	13.277	1.00	0.00
H									
HETATM	8067	C1	PRP	537	30.903	39.866	13.851	1.00	0.00
C									
HETATM	8068	H2	PRP	537	30.033	40.117	14.457	1.00	0.00
H									
HETATM	8069	H3	PRP	537	31.807	40.200	14.361	1.00	0.00
H									
HETATM	8070	C2	PRP	537	30.642	40.596	12.534	1.00	0.00
C									
HETATM	8071	H4	PRP	537	30.604	41.639	12.850	1.00	0.00
H									
HETATM	8072	O2	PRP	537	29.382	40.200	12.085	1.00	0.00
O									
HETATM	8073	H5	PRP	537	29.183	40.854	11.411	1.00	0.00
H									
HETATM	8074	C3	PRP	537	31.661	40.169	11.476	1.00	0.00
C									
HETATM	8075	H6	PRP	537	31.404	39.156	11.167	1.00	0.00
H									
HETATM	8076	H7	PRP	537	31.468	40.736	10.565	1.00	0.00
H									
HETATM	8077	H8	PRP	537	32.706	40.359	11.721	1.00	0.00
H									
HETATM	8078	O1	PRP	538	13.088	18.262	16.748	1.00	0.00
O									
HETATM	8079	H1	PRP	538	12.278	18.747	16.922	1.00	0.00
H									
HETATM	8080	C1	PRP	538	14.064	19.126	17.149	1.00	0.00
C									
HETATM	8081	H2	PRP	538	15.061	18.719	16.977	1.00	0.00
H									
HETATM	8082	H3	PRP	538	13.981	20.019	16.528	1.00	0.00
H									
HETATM	8083	C2	PRP	538	13.849	19.291	18.650	1.00	0.00
C									
HETATM	8084	H4	PRP	538	13.632	18.342	19.139	1.00	0.00
H									
HETATM	8085	O2	PRP	538	12.649	20.011	18.863	1.00	0.00
O									
HETATM	8086	H5	PRP	538	12.301	19.921	19.754	1.00	0.00
H									
HETATM	8087	C3	PRP	538	14.991	19.933	19.311	1.00	0.00
C									
HETATM	8088	H6	PRP	538	14.906	19.856	20.395	1.00	0.00
H									
HETATM	8089	H7	PRP	538	15.910	19.512	18.903	1.00	0.00
H									
HETATM	8090	H8	PRP	538	14.897	20.995	19.086	1.00	0.00
H									
HETATM	8091	O1	PRP	539	19.111	14.164	15.314	1.00	0.00
O									

HETATM	8092	H1	PRP	539	19.900	14.407	14.823	1.00	0.00
H									
HETATM	8093	C1	PRP	539	19.067	15.188	16.335	1.00	0.00
C									
HETATM	8094	H2	PRP	539	18.451	14.750	17.121	1.00	0.00
H									
HETATM	8095	H3	PRP	539	20.054	15.371	16.761	1.00	0.00
H									
HETATM	8096	C2	PRP	539	18.403	16.503	15.812	1.00	0.00
C									
HETATM	8097	H4	PRP	539	17.469	16.175	15.354	1.00	0.00
H									
HETATM	8098	O2	PRP	539	19.131	17.313	14.963	1.00	0.00
O									
HETATM	8099	H5	PRP	539	19.844	17.606	15.534	1.00	0.00
H									
HETATM	8100	C3	PRP	539	18.182	17.366	17.104	1.00	0.00
C									
HETATM	8101	H6	PRP	539	19.071	17.411	17.733	1.00	0.00
H									
HETATM	8102	H7	PRP	539	17.937	18.406	16.891	1.00	0.00
H									
HETATM	8103	H8	PRP	539	17.406	16.921	17.728	1.00	0.00
H									
HETATM	8104	O1	PRP	540	37.321	56.337	11.896	1.00	0.00
O									
HETATM	8105	H1	PRP	540	37.219	57.078	11.294	1.00	0.00
H									
HETATM	8106	C1	PRP	540	37.337	56.791	13.297	1.00	0.00
C									
HETATM	8107	H2	PRP	540	37.001	56.014	13.984	1.00	0.00
H									
HETATM	8108	H3	PRP	540	38.344	57.008	13.653	1.00	0.00
H									
HETATM	8109	C2	PRP	540	36.495	58.052	13.443	1.00	0.00
C									
HETATM	8110	H4	PRP	540	35.468	57.900	13.111	1.00	0.00
H									
HETATM	8111	O2	PRP	540	37.104	59.110	12.661	1.00	0.00
O									
HETATM	8112	H5	PRP	540	38.050	59.122	12.823	1.00	0.00
H									
HETATM	8113	C3	PRP	540	36.213	58.552	14.949	1.00	0.00
C									
HETATM	8114	H6	PRP	540	36.297	57.702	15.626	1.00	0.00
H									
HETATM	8115	H7	PRP	540	36.875	59.381	15.198	1.00	0.00
H									
HETATM	8116	H8	PRP	540	35.158	58.827	14.938	1.00	0.00
H									
HETATM	8117	O1	PRP	541	16.478	12.884	14.740	1.00	0.00
O									
HETATM	8118	H1	PRP	541	17.193	13.492	14.941	1.00	0.00
H									
HETATM	8119	C1	PRP	541	15.264	13.522	14.770	1.00	0.00
C									

HETATM	8120	H2	PRP	541	15.480	14.512	14.370	1.00	0.00
H									
HETATM	8121	H3	PRP	541	14.615	12.934	14.121	1.00	0.00
H									
HETATM	8122	C2	PRP	541	14.538	13.686	16.107	1.00	0.00
C									
HETATM	8123	H4	PRP	541	15.306	13.477	16.852	1.00	0.00
H									
HETATM	8124	O2	PRP	541	13.529	12.749	16.239	1.00	0.00
O									
HETATM	8125	H5	PRP	541	13.913	12.035	16.755	1.00	0.00
H									
HETATM	8126	C3	PRP	541	14.027	15.080	16.348	1.00	0.00
C									
HETATM	8127	H6	PRP	541	13.051	15.263	15.898	1.00	0.00
H									
HETATM	8128	H7	PRP	541	13.905	15.113	17.431	1.00	0.00
H									
HETATM	8129	H8	PRP	541	14.840	15.748	16.065	1.00	0.00
H									
HETATM	8130	O1	PRP	542	16.404	1.780	15.178	1.00	0.00
O									
HETATM	8131	H1	PRP	542	16.150	1.226	14.437	1.00	0.00
H									
HETATM	8132	C1	PRP	542	17.787	1.634	15.508	1.00	0.00
C									
HETATM	8133	H2	PRP	542	18.354	2.364	14.930	1.00	0.00
H									
HETATM	8134	H3	PRP	542	17.978	1.856	16.558	1.00	0.00
H									
HETATM	8135	C2	PRP	542	18.254	0.228	15.208	1.00	0.00
C									
HETATM	8136	H4	PRP	542	19.304	0.213	15.502	1.00	0.00
H									
HETATM	8137	O2	PRP	542	18.155	-0.094	13.777	1.00	0.00
O									
HETATM	8138	H5	PRP	542	18.337	-1.031	13.682	1.00	0.00
H									
HETATM	8139	C3	PRP	542	17.484	-0.893	16.106	1.00	0.00
C									
HETATM	8140	H6	PRP	542	17.670	-0.692	17.161	1.00	0.00
H									
HETATM	8141	H7	PRP	542	16.421	-0.708	15.947	1.00	0.00
H									
HETATM	8142	H8	PRP	542	17.871	-1.873	15.830	1.00	0.00
H									
HETATM	8143	O1	PRP	543	29.480	33.275	17.340	1.00	0.00
O									
HETATM	8144	H1	PRP	543	29.571	32.992	18.253	1.00	0.00
H									
HETATM	8145	C1	PRP	543	28.114	33.241	17.022	1.00	0.00
C									
HETATM	8146	H2	PRP	543	27.593	33.921	17.695	1.00	0.00
H									
HETATM	8147	H3	PRP	543	27.869	33.555	16.007	1.00	0.00
H									

HETATM	8148	C2	PRP	543	27.539	31.839	17.137	1.00	0.00
C									
HETATM	8149	H4	PRP	543	26.468	32.023	17.045	1.00	0.00
H									
HETATM	8150	O2	PRP	543	27.849	31.249	18.403	1.00	0.00
O									
HETATM	8151	H5	PRP	543	27.466	30.368	18.425	1.00	0.00
H									
HETATM	8152	C3	PRP	543	27.984	30.880	16.062	1.00	0.00
C									
HETATM	8153	H6	PRP	543	27.762	29.828	16.241	1.00	0.00
H									
HETATM	8154	H7	PRP	543	27.590	31.103	15.071	1.00	0.00
H									
HETATM	8155	H8	PRP	543	29.073	30.944	16.059	1.00	0.00
H									
HETATM	8156	O1	PRP	544	30.212	31.837	19.776	1.00	0.00
O									
HETATM	8157	H1	PRP	544	29.522	31.320	19.353	1.00	0.00
H									
HETATM	8158	C1	PRP	544	31.442	31.214	19.371	1.00	0.00
C									
HETATM	8159	H2	PRP	544	32.151	32.028	19.223	1.00	0.00
H									
HETATM	8160	H3	PRP	544	31.717	30.420	20.067	1.00	0.00
H									
HETATM	8161	C2	PRP	544	31.200	30.437	18.026	1.00	0.00
C									
HETATM	8162	H4	PRP	544	30.818	31.079	17.233	1.00	0.00
H									
HETATM	8163	O2	PRP	544	30.212	29.436	18.228	1.00	0.00
O									
HETATM	8164	H5	PRP	544	30.786	28.722	18.514	1.00	0.00
H									
HETATM	8165	C3	PRP	544	32.459	29.824	17.462	1.00	0.00
C									
HETATM	8166	H6	PRP	544	32.232	28.933	16.878	1.00	0.00
H									
HETATM	8167	H7	PRP	544	32.939	30.485	16.741	1.00	0.00
H									
HETATM	8168	H8	PRP	544	33.073	29.561	18.324	1.00	0.00
H									
HETATM	8169	O1	PRP	545	2.856	19.817	24.240	1.00	0.00
O									
HETATM	8170	H1	PRP	545	3.346	19.043	23.953	1.00	0.00
H									
HETATM	8171	C1	PRP	545	2.199	20.401	23.128	1.00	0.00
C									
HETATM	8172	H2	PRP	545	1.696	19.666	22.499	1.00	0.00
H									
HETATM	8173	H3	PRP	545	1.330	20.973	23.451	1.00	0.00
H									
HETATM	8174	C2	PRP	545	3.220	21.248	22.337	1.00	0.00
C									
HETATM	8175	H4	PRP	545	4.058	20.603	22.073	1.00	0.00
H									

HETATM	8176	O2	PRP	545	3.673	22.337	23.122	1.00	0.00
O									
HETATM	8177	H5	PRP	545	4.088	21.984	23.912	1.00	0.00
H									
HETATM	8178	C3	PRP	545	2.617	21.832	21.074	1.00	0.00
C									
HETATM	8179	H6	PRP	545	2.062	21.042	20.569	1.00	0.00
H									
HETATM	8180	H7	PRP	545	1.885	22.578	21.382	1.00	0.00
H									
HETATM	8181	H8	PRP	545	3.462	22.207	20.496	1.00	0.00
H									
HETATM	8182	O1	PRP	546	4.482	17.516	23.196	1.00	0.00
O									
HETATM	8183	H1	PRP	546	4.402	16.898	23.926	1.00	0.00
H									
HETATM	8184	C1	PRP	546	5.010	16.834	22.068	1.00	0.00
C									
HETATM	8185	H2	PRP	546	4.333	16.055	21.716	1.00	0.00
H									
HETATM	8186	H3	PRP	546	5.183	17.655	21.373	1.00	0.00
H									
HETATM	8187	C2	PRP	546	6.388	16.196	22.424	1.00	0.00
C									
HETATM	8188	H4	PRP	546	6.658	15.705	21.489	1.00	0.00
H									
HETATM	8189	O2	PRP	546	6.384	15.141	23.363	1.00	0.00
O									
HETATM	8190	H5	PRP	546	5.727	15.278	24.049	1.00	0.00
H									
HETATM	8191	C3	PRP	546	7.381	17.189	22.946	1.00	0.00
C									
HETATM	8192	H6	PRP	546	7.123	17.592	23.925	1.00	0.00
H									
HETATM	8193	H7	PRP	546	8.319	16.663	23.124	1.00	0.00
H									
HETATM	8194	H8	PRP	546	7.576	18.035	22.286	1.00	0.00
H									
HETATM	8195	O1	PRP	547	-3.233	22.211	25.463	1.00	0.00
O									
HETATM	8196	H1	PRP	547	-2.918	21.377	25.819	1.00	0.00
H									
HETATM	8197	C1	PRP	547	-4.128	22.864	26.223	1.00	0.00
C									
HETATM	8198	H2	PRP	547	-3.601	23.336	27.052	1.00	0.00
H									
HETATM	8199	H3	PRP	547	-4.579	23.771	25.819	1.00	0.00
H									
HETATM	8200	C2	PRP	547	-5.247	21.886	26.752	1.00	0.00
C									
HETATM	8201	H4	PRP	547	-5.877	22.323	27.526	1.00	0.00
H									
HETATM	8202	O2	PRP	547	-4.610	20.705	27.315	1.00	0.00
O									
HETATM	8203	H5	PRP	547	-5.263	20.439	27.966	1.00	0.00
H									

HETATM	8204	C3	PRP	547	-6.165	21.459	25.567	1.00	0.00
C									
HETATM	8205	H6	PRP	547	-6.607	22.332	25.087	1.00	0.00
H									
HETATM	8206	H7	PRP	547	-5.534	20.871	24.900	1.00	0.00
H									
HETATM	8207	H8	PRP	547	-7.037	20.917	25.932	1.00	0.00
H									
HETATM	8208	O1	PRP	548	14.279	33.634	24.380	1.00	0.00
O									
HETATM	8209	H1	PRP	548	15.071	33.117	24.221	1.00	0.00
H									
HETATM	8210	C1	PRP	548	14.644	34.704	25.281	1.00	0.00
C									
HETATM	8211	H2	PRP	548	15.021	34.280	26.212	1.00	0.00
H									
HETATM	8212	H3	PRP	548	15.386	35.262	24.709	1.00	0.00
H									
HETATM	8213	C2	PRP	548	13.478	35.606	25.609	1.00	0.00
C									
HETATM	8214	H4	PRP	548	12.580	35.089	25.946	1.00	0.00
H									
HETATM	8215	O2	PRP	548	13.277	36.408	24.413	1.00	0.00
O									
HETATM	8216	H5	PRP	548	13.078	35.808	23.690	1.00	0.00
H									
HETATM	8217	C3	PRP	548	13.881	36.564	26.652	1.00	0.00
C									
HETATM	8218	H6	PRP	548	12.944	37.067	26.888	1.00	0.00
H									
HETATM	8219	H7	PRP	548	14.213	36.052	27.555	1.00	0.00
H									
HETATM	8220	H8	PRP	548	14.737	37.103	26.243	1.00	0.00
H									
HETATM	8221	O1	PRP	549	2.798	36.535	41.530	1.00	0.00
O									
HETATM	8222	H1	PRP	549	2.418	35.792	41.055	1.00	0.00
H									
HETATM	8223	C1	PRP	549	4.141	36.064	41.805	1.00	0.00
C									
HETATM	8224	H2	PRP	549	4.287	35.465	42.704	1.00	0.00
H									
HETATM	8225	H3	PRP	549	4.390	35.506	40.903	1.00	0.00
H									
HETATM	8226	C2	PRP	549	5.112	37.298	41.976	1.00	0.00
C									
HETATM	8227	H4	PRP	549	4.534	38.069	42.486	1.00	0.00
H									
HETATM	8228	O2	PRP	549	5.339	37.847	40.744	1.00	0.00
O									
HETATM	8229	H5	PRP	549	6.002	38.521	40.911	1.00	0.00
H									
HETATM	8230	C3	PRP	549	6.441	36.962	42.661	1.00	0.00
C									
HETATM	8231	H6	PRP	549	7.026	37.881	42.612	1.00	0.00
H									

HETATM	8232	H7	PRP	549	6.428	36.746	43.730	1.00	0.00
H									
HETATM	8233	H8	PRP	549	6.994	36.118	42.248	1.00	0.00
H									
HETATM	8234	O1	PRP	550	13.909	42.387	14.553	1.00	0.00
O									
HETATM	8235	H1	PRP	550	13.354	41.832	13.999	1.00	0.00
H									
HETATM	8236	C1	PRP	550	14.580	43.362	13.687	1.00	0.00
C									
HETATM	8237	H2	PRP	550	13.846	43.998	13.192	1.00	0.00
H									
HETATM	8238	H3	PRP	550	15.146	44.023	14.343	1.00	0.00
H									
HETATM	8239	C2	PRP	550	15.446	42.667	12.615	1.00	0.00
C									
HETATM	8240	H4	PRP	550	15.835	43.458	11.974	1.00	0.00
H									
HETATM	8241	O2	PRP	550	14.725	41.738	11.826	1.00	0.00
O									
HETATM	8242	H5	PRP	550	14.529	42.236	11.029	1.00	0.00
H									
HETATM	8243	C3	PRP	550	16.559	41.932	13.421	1.00	0.00
C									
HETATM	8244	H6	PRP	550	16.140	41.133	14.033	1.00	0.00
H									
HETATM	8245	H7	PRP	550	17.395	41.501	12.870	1.00	0.00
H									
HETATM	8246	H8	PRP	550	17.009	42.639	14.118	1.00	0.00
H									
HETATM	8247	O1	PRP	551	24.252	48.380	15.656	1.00	0.00
O									
HETATM	8248	H1	PRP	551	24.944	49.001	15.896	1.00	0.00
H									
HETATM	8249	C1	PRP	551	23.758	47.591	16.757	1.00	0.00
C									
HETATM	8250	H2	PRP	551	22.710	47.796	16.973	1.00	0.00
H									
HETATM	8251	H3	PRP	551	23.841	46.538	16.485	1.00	0.00
H									
HETATM	8252	C2	PRP	551	24.676	47.834	17.981	1.00	0.00
C									
HETATM	8253	H4	PRP	551	24.251	47.149	18.714	1.00	0.00
H									
HETATM	8254	O2	PRP	551	24.642	49.188	18.386	1.00	0.00
O									
HETATM	8255	H5	PRP	551	23.820	49.321	18.864	1.00	0.00
H									
HETATM	8256	C3	PRP	551	26.161	47.559	17.663	1.00	0.00
C									
HETATM	8257	H6	PRP	551	26.320	46.590	17.189	1.00	0.00
H									
HETATM	8258	H7	PRP	551	26.632	48.328	17.052	1.00	0.00
H									
HETATM	8259	H8	PRP	551	26.678	47.516	18.622	1.00	0.00
H									

HETATM	8260	O1	PRP	552	-14.168	13.236	16.404	1.00	0.00
O									
HETATM	8261	H1	PRP	552	-14.113	12.464	15.837	1.00	0.00
H									
HETATM	8262	C1	PRP	552	-13.830	12.984	17.710	1.00	0.00
C									
HETATM	8263	H2	PRP	552	-12.848	12.539	17.867	1.00	0.00
H									
HETATM	8264	H3	PRP	552	-13.846	13.964	18.188	1.00	0.00
H									
HETATM	8265	C2	PRP	552	-14.853	12.023	18.359	1.00	0.00
C									
HETATM	8266	H4	PRP	552	-14.492	11.744	19.349	1.00	0.00
H									
HETATM	8267	O2	PRP	552	-15.033	10.903	17.549	1.00	0.00
O									
HETATM	8268	H5	PRP	552	-15.441	11.218	16.739	1.00	0.00
H									
HETATM	8269	C3	PRP	552	-16.238	12.626	18.620	1.00	0.00
C									
HETATM	8270	H6	PRP	552	-16.442	12.754	19.683	1.00	0.00
H									
HETATM	8271	H7	PRP	552	-16.221	13.601	18.132	1.00	0.00
H									
HETATM	8272	H8	PRP	552	-17.098	12.046	18.285	1.00	0.00
H									
HETATM	8273	O1	PRP	553	8.082	33.922	28.151	1.00	0.00
O									
HETATM	8274	H1	PRP	553	7.498	33.381	27.614	1.00	0.00
H									
HETATM	8275	C1	PRP	553	9.386	33.907	27.560	1.00	0.00
C									
HETATM	8276	H2	PRP	553	9.523	32.998	26.974	1.00	0.00
H									
HETATM	8277	H3	PRP	553	9.654	34.762	26.939	1.00	0.00
H									
HETATM	8278	C2	PRP	553	10.283	33.810	28.835	1.00	0.00
C									
HETATM	8279	H4	PRP	553	9.738	33.225	29.576	1.00	0.00
H									
HETATM	8280	O2	PRP	553	10.615	35.087	29.359	1.00	0.00
O									
HETATM	8281	H5	PRP	553	9.803	35.566	29.538	1.00	0.00
H									
HETATM	8282	C3	PRP	553	11.620	33.099	28.480	1.00	0.00
C									
HETATM	8283	H6	PRP	553	12.380	33.311	29.232	1.00	0.00
H									
HETATM	8284	H7	PRP	553	11.505	32.022	28.354	1.00	0.00
H									
HETATM	8285	H8	PRP	553	12.014	33.514	27.553	1.00	0.00
H									
HETATM	8286	O1	PRP	554	4.605	25.236	23.673	1.00	0.00
O									
HETATM	8287	H1	PRP	554	4.521	24.471	24.246	1.00	0.00
H									

HETATM	8288	C1	PRP	554	4.789	26.313	24.571	1.00	0.00
C									
HETATM	8289	H2	PRP	554	4.854	27.192	23.929	1.00	0.00
H									
HETATM	8290	H3	PRP	554	4.083	26.381	25.399	1.00	0.00
H									
HETATM	8291	C2	PRP	554	6.188	26.161	25.281	1.00	0.00
C									
HETATM	8292	H4	PRP	554	6.874	25.734	24.548	1.00	0.00
H									
HETATM	8293	O2	PRP	554	5.988	25.217	26.310	1.00	0.00
O									
HETATM	8294	H5	PRP	554	5.132	24.802	26.182	1.00	0.00
H									
HETATM	8295	C3	PRP	554	6.632	27.472	25.966	1.00	0.00
C									
HETATM	8296	H6	PRP	554	7.629	27.462	26.406	1.00	0.00
H									
HETATM	8297	H7	PRP	554	6.724	28.161	25.126	1.00	0.00
H									
HETATM	8298	H8	PRP	554	5.869	27.637	26.727	1.00	0.00
H									
HETATM	8299	O1	PRP	555	13.163	34.406	16.874	1.00	0.00
O									
HETATM	8300	H1	PRP	555	13.160	34.822	17.738	1.00	0.00
H									
HETATM	8301	C1	PRP	555	12.683	33.072	16.928	1.00	0.00
C									
HETATM	8302	H2	PRP	555	12.918	32.688	15.936	1.00	0.00
H									
HETATM	8303	H3	PRP	555	13.393	32.578	17.591	1.00	0.00
H									
HETATM	8304	C2	PRP	555	11.209	32.984	17.392	1.00	0.00
C									
HETATM	8305	H4	PRP	555	10.485	33.487	16.750	1.00	0.00
H									
HETATM	8306	O2	PRP	555	10.977	33.360	18.698	1.00	0.00
O									
HETATM	8307	H5	PRP	555	11.788	33.198	19.185	1.00	0.00
H									
HETATM	8308	C3	PRP	555	10.798	31.560	17.418	1.00	0.00
C									
HETATM	8309	H6	PRP	555	9.731	31.359	17.510	1.00	0.00
H									
HETATM	8310	H7	PRP	555	11.309	30.914	16.704	1.00	0.00
H									
HETATM	8311	H8	PRP	555	11.147	31.061	18.322	1.00	0.00
H									
HETATM	8312	O1	PRP	556	15.226	53.637	10.364	1.00	0.00
O									
HETATM	8313	H1	PRP	556	14.891	53.955	11.206	1.00	0.00
H									
HETATM	8314	C1	PRP	556	14.670	54.466	9.320	1.00	0.00
C									
HETATM	8315	H2	PRP	556	13.580	54.479	9.327	1.00	0.00
H									

HETATM	8316	H3	PRP	556	15.083	55.473	9.390	1.00	0.00
H									
HETATM	8317	C2	PRP	556	15.103	54.041	7.931	1.00	0.00
C									
HETATM	8318	H4	PRP	556	15.065	52.955	7.854	1.00	0.00
H									
HETATM	8319	O2	PRP	556	16.396	54.536	7.729	1.00	0.00
O									
HETATM	8320	H5	PRP	556	17.043	54.073	8.266	1.00	0.00
H									
HETATM	8321	C3	PRP	556	14.288	54.621	6.839	1.00	0.00
C									
HETATM	8322	H6	PRP	556	14.245	55.707	6.918	1.00	0.00
H									
HETATM	8323	H7	PRP	556	14.659	54.400	5.838	1.00	0.00
H									
HETATM	8324	H8	PRP	556	13.293	54.184	6.919	1.00	0.00
H									
HETATM	8325	O1	PRP	557	19.021	41.008	20.234	1.00	0.00
O									
HETATM	8326	H1	PRP	557	18.431	41.599	19.761	1.00	0.00
H									
HETATM	8327	C1	PRP	557	18.274	39.835	20.505	1.00	0.00
C									
HETATM	8328	H2	PRP	557	17.462	40.080	21.190	1.00	0.00
H									
HETATM	8329	H3	PRP	557	17.873	39.438	19.573	1.00	0.00
H									
HETATM	8330	C2	PRP	557	19.067	38.792	21.337	1.00	0.00
C									
HETATM	8331	H4	PRP	557	18.992	39.135	22.369	1.00	0.00
H									
HETATM	8332	O2	PRP	557	20.413	38.743	20.996	1.00	0.00
O									
HETATM	8333	H5	PRP	557	20.463	38.813	20.040	1.00	0.00
H									
HETATM	8334	C3	PRP	557	18.602	37.322	21.315	1.00	0.00
C									
HETATM	8335	H6	PRP	557	18.505	36.992	20.281	1.00	0.00
H									
HETATM	8336	H7	PRP	557	19.354	36.746	21.855	1.00	0.00
H									
HETATM	8337	H8	PRP	557	17.606	37.213	21.744	1.00	0.00
H									
HETATM	8338	O1	PRP	558	0.944	15.845	18.550	1.00	0.00
O									
HETATM	8339	H1	PRP	558	0.807	15.422	17.699	1.00	0.00
H									
HETATM	8340	C1	PRP	558	1.798	16.952	18.222	1.00	0.00
C									
HETATM	8341	H2	PRP	558	2.439	16.765	17.360	1.00	0.00
H									
HETATM	8342	H3	PRP	558	1.167	17.798	17.948	1.00	0.00
H									
HETATM	8343	C2	PRP	558	2.622	17.262	19.476	1.00	0.00
C									

HETATM	8344	H4	PRP	558	2.992	18.286	19.438	1.00	0.00
H									
HETATM	8345	O2	PRP	558	3.713	16.392	19.483	1.00	0.00
O									
HETATM	8346	H5	PRP	558	3.368	15.520	19.278	1.00	0.00
H									
HETATM	8347	C3	PRP	558	1.895	17.193	20.820	1.00	0.00
C									
HETATM	8348	H6	PRP	558	1.842	16.258	21.377	1.00	0.00
H									
HETATM	8349	H7	PRP	558	2.430	17.896	21.459	1.00	0.00
H									
HETATM	8350	H8	PRP	558	0.873	17.570	20.773	1.00	0.00
H									
HETATM	8351	O1	PRP	559	7.860	19.080	30.772	1.00	0.00
O									
HETATM	8352	H1	PRP	559	8.798	19.048	30.975	1.00	0.00
H									
HETATM	8353	C1	PRP	559	7.610	19.622	29.442	1.00	0.00
C									
HETATM	8354	H2	PRP	559	6.538	19.515	29.275	1.00	0.00
H									
HETATM	8355	H3	PRP	559	7.869	20.680	29.410	1.00	0.00
H									
HETATM	8356	C2	PRP	559	8.423	18.907	28.364	1.00	0.00
C									
HETATM	8357	H4	PRP	559	7.989	17.909	28.313	1.00	0.00
H									
HETATM	8358	O2	PRP	559	9.785	18.876	28.635	1.00	0.00
O									
HETATM	8359	H5	PRP	559	9.910	18.123	29.217	1.00	0.00
H									
HETATM	8360	C3	PRP	559	8.185	19.491	26.945	1.00	0.00
C									
HETATM	8361	H6	PRP	559	8.366	18.638	26.291	1.00	0.00
H									
HETATM	8362	H7	PRP	559	7.127	19.733	26.855	1.00	0.00
H									
HETATM	8363	H8	PRP	559	8.811	20.365	26.766	1.00	0.00
H									
HETATM	8364	O1	PRP	560	25.205	36.678	23.071	1.00	0.00
O									
HETATM	8365	H1	PRP	560	25.194	35.846	22.593	1.00	0.00
H									
HETATM	8366	C1	PRP	560	23.874	37.188	23.141	1.00	0.00
C									
HETATM	8367	H2	PRP	560	23.415	36.720	24.012	1.00	0.00
H									
HETATM	8368	H3	PRP	560	23.887	38.238	23.433	1.00	0.00
H									
HETATM	8369	C2	PRP	560	23.094	36.898	21.853	1.00	0.00
C									
HETATM	8370	H4	PRP	560	22.026	37.062	22.001	1.00	0.00
H									
HETATM	8371	O2	PRP	560	23.158	35.524	21.560	1.00	0.00
O									

HETATM	8372	H5	PRP	560	22.971	34.915	22.278	1.00	0.00
H									
HETATM	8373	C3	PRP	560	23.594	37.704	20.685	1.00	0.00
C									
HETATM	8374	H6	PRP	560	22.942	37.526	19.830	1.00	0.00
H									
HETATM	8375	H7	PRP	560	23.489	38.758	20.939	1.00	0.00
H									
HETATM	8376	H8	PRP	560	24.636	37.544	20.408	1.00	0.00
H									
HETATM	8377	O1	PRP	561	-2.706	13.283	24.806	1.00	0.00
O									
HETATM	8378	H1	PRP	561	-3.557	13.559	25.154	1.00	0.00
H									
HETATM	8379	C1	PRP	561	-1.879	14.402	24.644	1.00	0.00
C									
HETATM	8380	H2	PRP	561	-2.405	15.197	24.115	1.00	0.00
H									
HETATM	8381	H3	PRP	561	-1.672	14.832	25.625	1.00	0.00
H									
HETATM	8382	C2	PRP	561	-0.585	14.045	23.839	1.00	0.00
C									
HETATM	8383	H4	PRP	561	-0.848	14.000	22.783	1.00	0.00
H									
HETATM	8384	O2	PRP	561	0.189	13.008	24.296	1.00	0.00
O									
HETATM	8385	H5	PRP	561	-0.121	12.225	23.834	1.00	0.00
H									
HETATM	8386	C3	PRP	561	0.225	15.329	23.973	1.00	0.00
C									
HETATM	8387	H6	PRP	561	-0.241	16.168	23.455	1.00	0.00
H									
HETATM	8388	H7	PRP	561	0.482	15.529	25.013	1.00	0.00
H									
HETATM	8389	H8	PRP	561	1.206	15.072	23.573	1.00	0.00
H									
HETATM	8390	O1	PRP	562	-10.998	24.406	11.991	1.00	0.00
O									
HETATM	8391	H1	PRP	562	-11.013	25.336	11.754	1.00	0.00
H									
HETATM	8392	C1	PRP	562	-10.362	23.701	11.011	1.00	0.00
C									
HETATM	8393	H2	PRP	562	-10.483	22.627	11.154	1.00	0.00
H									
HETATM	8394	H3	PRP	562	-10.787	24.009	10.055	1.00	0.00
H									
HETATM	8395	C2	PRP	562	-8.880	24.054	11.157	1.00	0.00
C									
HETATM	8396	H4	PRP	562	-8.552	23.945	12.191	1.00	0.00
H									
HETATM	8397	O2	PRP	562	-8.776	25.433	10.857	1.00	0.00
O									
HETATM	8398	H5	PRP	562	-8.276	25.906	11.526	1.00	0.00
H									
HETATM	8399	C3	PRP	562	-7.965	23.277	10.122	1.00	0.00
C									

HETATM	8400	H6	PRP	562	-8.000	22.210	10.342	1.00	0.00
H									
HETATM	8401	H7	PRP	562	-8.451	23.410	9.156	1.00	0.00
H									
HETATM	8402	H8	PRP	562	-6.968	23.716	10.141	1.00	0.00
H									
HETATM	8403	O1	PRP	563	35.904	41.388	18.818	1.00	0.00
O									
HETATM	8404	H1	PRP	563	36.221	41.619	17.941	1.00	0.00
H									
HETATM	8405	C1	PRP	563	34.602	40.843	18.673	1.00	0.00
C									
HETATM	8406	H2	PRP	563	34.417	40.074	19.422	1.00	0.00
H									
HETATM	8407	H3	PRP	563	33.895	41.672	18.712	1.00	0.00
H									
HETATM	8408	C2	PRP	563	34.683	40.191	17.306	1.00	0.00
C									
HETATM	8409	H4	PRP	563	35.636	39.677	17.187	1.00	0.00
H									
HETATM	8410	O2	PRP	563	34.376	41.003	16.278	1.00	0.00
O									
HETATM	8411	H5	PRP	563	33.480	41.336	16.369	1.00	0.00
H									
HETATM	8412	C3	PRP	563	33.556	39.133	17.256	1.00	0.00
C									
HETATM	8413	H6	PRP	563	32.535	39.509	17.193	1.00	0.00
H									
HETATM	8414	H7	PRP	563	33.701	38.419	16.445	1.00	0.00
H									
HETATM	8415	H8	PRP	563	33.729	38.552	18.161	1.00	0.00
H									
HETATM	8416	O1	PRP	564	11.385	15.033	9.112	1.00	0.00
O									
HETATM	8417	H1	PRP	564	11.776	15.824	8.735	1.00	0.00
H									
HETATM	8418	C1	PRP	564	11.242	15.242	10.519	1.00	0.00
C									
HETATM	8419	H2	PRP	564	10.638	16.131	10.704	1.00	0.00
H									
HETATM	8420	H3	PRP	564	10.929	14.337	11.038	1.00	0.00
H									
HETATM	8421	C2	PRP	564	12.602	15.410	11.197	1.00	0.00
C									
HETATM	8422	H4	PRP	564	12.381	15.513	12.259	1.00	0.00
H									
HETATM	8423	O2	PRP	564	13.292	16.510	10.694	1.00	0.00
O									
HETATM	8424	H5	PRP	564	13.699	16.334	9.842	1.00	0.00
H									
HETATM	8425	C3	PRP	564	13.582	14.204	11.055	1.00	0.00
C									
HETATM	8426	H6	PRP	564	13.059	13.269	11.258	1.00	0.00
H									
HETATM	8427	H7	PRP	564	13.968	14.213	10.035	1.00	0.00
H									

HETATM	8428	H8	PRP	564	14.416	14.269	11.753	1.00	0.00
H									
HETATM	8429	O1	PRP	565	9.327	19.054	15.039	1.00	0.00
O									
HETATM	8430	H1	PRP	565	8.573	18.647	14.605	1.00	0.00
H									
HETATM	8431	C1	PRP	565	10.323	18.861	14.155	1.00	0.00
C									
HETATM	8432	H2	PRP	565	10.307	19.685	13.442	1.00	0.00
H									
HETATM	8433	H3	PRP	565	11.327	19.000	14.557	1.00	0.00
H									
HETATM	8434	C2	PRP	565	10.218	17.494	13.411	1.00	0.00
C									
HETATM	8435	H4	PRP	565	11.023	17.369	12.687	1.00	0.00
H									
HETATM	8436	O2	PRP	565	8.929	17.382	12.830	1.00	0.00
O									
HETATM	8437	H5	PRP	565	8.852	18.094	12.191	1.00	0.00
H									
HETATM	8438	C3	PRP	565	10.268	16.367	14.365	1.00	0.00
C									
HETATM	8439	H6	PRP	565	9.682	16.687	15.227	1.00	0.00
H									
HETATM	8440	H7	PRP	565	9.850	15.447	13.956	1.00	0.00
H									
HETATM	8441	H8	PRP	565	11.296	16.148	14.652	1.00	0.00
H									
HETATM	8442	O1	PRP	566	13.363	19.187	11.260	1.00	0.00
O									
HETATM	8443	H1	PRP	566	13.297	18.232	11.331	1.00	0.00
H									
HETATM	8444	C1	PRP	566	13.510	19.666	12.556	1.00	0.00
C									
HETATM	8445	H2	PRP	566	12.558	20.034	12.940	1.00	0.00
H									
HETATM	8446	H3	PRP	566	13.878	18.865	13.197	1.00	0.00
H									
HETATM	8447	C2	PRP	566	14.438	20.905	12.733	1.00	0.00
C									
HETATM	8448	H4	PRP	566	14.004	21.776	12.243	1.00	0.00
H									
HETATM	8449	O2	PRP	566	15.740	20.537	12.206	1.00	0.00
O									
HETATM	8450	H5	PRP	566	15.808	20.766	11.276	1.00	0.00
H									
HETATM	8451	C3	PRP	566	14.656	21.219	14.235	1.00	0.00
C									
HETATM	8452	H6	PRP	566	15.217	20.385	14.658	1.00	0.00
H									
HETATM	8453	H7	PRP	566	15.311	22.073	14.408	1.00	0.00
H									
HETATM	8454	H8	PRP	566	13.734	21.252	14.815	1.00	0.00
H									
HETATM	8455	O1	PRP	567	19.850	40.568	4.270	1.00	0.00
O									

HETATM	8456	H1	PRP	567	19.953	39.624	4.406	1.00	0.00
H									
HETATM	8457	C1	PRP	567	18.977	41.154	5.249	1.00	0.00
C									
HETATM	8458	H2	PRP	567	18.935	42.237	5.126	1.00	0.00
H									
HETATM	8459	H3	PRP	567	17.947	40.864	5.045	1.00	0.00
H									
HETATM	8460	C2	PRP	567	19.360	40.827	6.707	1.00	0.00
C									
HETATM	8461	H4	PRP	567	20.419	41.069	6.795	1.00	0.00
H									
HETATM	8462	O2	PRP	567	19.152	39.400	6.980	1.00	0.00
O									
HETATM	8463	H5	PRP	567	19.261	39.362	7.933	1.00	0.00
H									
HETATM	8464	C3	PRP	567	18.466	41.651	7.685	1.00	0.00
C									
HETATM	8465	H6	PRP	567	17.455	41.288	7.500	1.00	0.00
H									
HETATM	8466	H7	PRP	567	18.819	41.641	8.716	1.00	0.00
H									
HETATM	8467	H8	PRP	567	18.524	42.700	7.395	1.00	0.00
H									
HETATM	8468	O1	PRP	568	8.236	12.052	14.556	1.00	0.00
O									
HETATM	8469	H1	PRP	568	8.165	12.087	13.600	1.00	0.00
H									
HETATM	8470	C1	PRP	568	9.450	11.584	14.989	1.00	0.00
C									
HETATM	8471	H2	PRP	568	9.858	10.832	14.313	1.00	0.00
H									
HETATM	8472	H3	PRP	568	10.112	12.443	15.098	1.00	0.00
H									
HETATM	8473	C2	PRP	568	9.326	11.056	16.447	1.00	0.00
C									
HETATM	8474	H4	PRP	568	10.252	10.591	16.786	1.00	0.00
H									
HETATM	8475	O2	PRP	568	8.294	10.082	16.538	1.00	0.00
O									
HETATM	8476	H5	PRP	568	8.420	9.488	15.794	1.00	0.00
H									
HETATM	8477	C3	PRP	568	9.116	12.184	17.505	1.00	0.00
C									
HETATM	8478	H6	PRP	568	9.197	11.782	18.515	1.00	0.00
H									
HETATM	8479	H7	PRP	568	9.908	12.863	17.190	1.00	0.00
H									
HETATM	8480	H8	PRP	568	8.141	12.623	17.293	1.00	0.00
H									
HETATM	8481	O1	PRP	569	17.817	13.727	1.674	1.00	0.00
O									
HETATM	8482	H1	PRP	569	17.946	12.993	1.069	1.00	0.00
H									
HETATM	8483	C1	PRP	569	16.424	13.899	1.676	1.00	0.00
C									

HETATM	8484	H2	PRP	569	16.229	14.967	1.772	1.00	0.00
H									
HETATM	8485	H3	PRP	569	16.024	13.719	0.678	1.00	0.00
H									
HETATM	8486	C2	PRP	569	15.793	13.142	2.877	1.00	0.00
C									
HETATM	8487	H4	PRP	569	16.252	13.569	3.768	1.00	0.00
H									
HETATM	8488	O2	PRP	569	15.878	11.747	2.756	1.00	0.00
O									
HETATM	8489	H5	PRP	569	16.654	11.353	3.162	1.00	0.00
H									
HETATM	8490	C3	PRP	569	14.281	13.485	3.124	1.00	0.00
C									
HETATM	8491	H6	PRP	569	14.196	14.544	3.366	1.00	0.00
H									
HETATM	8492	H7	PRP	569	13.670	13.223	2.260	1.00	0.00
H									
HETATM	8493	H8	PRP	569	13.860	12.805	3.865	1.00	0.00
H									
HETATM	8494	O1	PRP	570	8.247	19.435	11.227	1.00	0.00
O									
HETATM	8495	H1	PRP	570	7.488	20.011	11.109	1.00	0.00
H									
HETATM	8496	C1	PRP	570	8.877	19.303	10.007	1.00	0.00
C									
HETATM	8497	H2	PRP	570	8.766	20.130	9.306	1.00	0.00
H									
HETATM	8498	H3	PRP	570	9.954	19.263	10.169	1.00	0.00
H									
HETATM	8499	C2	PRP	570	8.534	17.933	9.399	1.00	0.00
C									
HETATM	8500	H4	PRP	570	9.136	17.212	9.951	1.00	0.00
H									
HETATM	8501	O2	PRP	570	9.033	17.895	8.087	1.00	0.00
O									
HETATM	8502	H5	PRP	570	9.984	18.007	8.148	1.00	0.00
H									
HETATM	8503	C3	PRP	570	7.117	17.418	9.399	1.00	0.00
C									
HETATM	8504	H6	PRP	570	6.502	17.972	8.689	1.00	0.00
H									
HETATM	8505	H7	PRP	570	7.156	16.397	9.020	1.00	0.00
H									
HETATM	8506	H8	PRP	570	6.702	17.467	10.406	1.00	0.00
H									
HETATM	8507	O1	PRP	571	17.405	18.175	12.389	1.00	0.00
O									
HETATM	8508	H1	PRP	571	16.781	18.903	12.433	1.00	0.00
H									
HETATM	8509	C1	PRP	571	16.748	16.901	12.453	1.00	0.00
C									
HETATM	8510	H2	PRP	571	16.275	16.769	13.426	1.00	0.00
H									
HETATM	8511	H3	PRP	571	15.946	16.943	11.716	1.00	0.00
H									

HETATM	8512	C2	PRP	571	17.653	15.707	12.027	1.00	0.00
C									
HETATM	8513	H4	PRP	571	17.315	14.742	12.407	1.00	0.00
H									
HETATM	8514	O2	PRP	571	18.854	15.887	12.698	1.00	0.00
O									
HETATM	8515	H5	PRP	571	18.704	16.497	13.424	1.00	0.00
H									
HETATM	8516	C3	PRP	571	17.952	15.428	10.524	1.00	0.00
C									
HETATM	8517	H6	PRP	571	18.494	14.503	10.329	1.00	0.00
H									
HETATM	8518	H7	PRP	571	16.997	15.375	10.002	1.00	0.00
H									
HETATM	8519	H8	PRP	571	18.491	16.267	10.082	1.00	0.00
H									
HETATM	8520	O1	PRP	572	30.479	47.678	11.870	1.00	0.00
O									
HETATM	8521	H1	PRP	572	30.137	47.527	12.754	1.00	0.00
H									
HETATM	8522	C1	PRP	572	30.997	46.519	11.275	1.00	0.00
C									
HETATM	8523	H2	PRP	572	31.787	46.859	10.605	1.00	0.00
H									
HETATM	8524	H3	PRP	572	31.393	45.892	12.074	1.00	0.00
H									
HETATM	8525	C2	PRP	572	29.951	45.889	10.432	1.00	0.00
C									
HETATM	8526	H4	PRP	572	29.632	46.554	9.629	1.00	0.00
H									
HETATM	8527	O2	PRP	572	28.782	45.690	11.186	1.00	0.00
O									
HETATM	8528	H5	PRP	572	28.384	46.556	11.303	1.00	0.00
H									
HETATM	8529	C3	PRP	572	30.493	44.629	9.784	1.00	0.00
C									
HETATM	8530	H6	PRP	572	30.727	43.901	10.561	1.00	0.00
H									
HETATM	8531	H7	PRP	572	29.668	44.099	9.308	1.00	0.00
H									
HETATM	8532	H8	PRP	572	31.277	44.754	9.037	1.00	0.00
H									
HETATM	8533	O1	PRP	573	28.133	36.439	17.805	1.00	0.00
O									
HETATM	8534	H1	PRP	573	28.717	36.739	18.505	1.00	0.00
H									
HETATM	8535	C1	PRP	573	27.214	37.570	17.661	1.00	0.00
C									
HETATM	8536	H2	PRP	573	26.202	37.163	17.643	1.00	0.00
H									
HETATM	8537	H3	PRP	573	27.299	38.076	18.623	1.00	0.00
H									
HETATM	8538	C2	PRP	573	27.725	38.318	16.469	1.00	0.00
C									
HETATM	8539	H4	PRP	573	27.727	37.711	15.563	1.00	0.00
H									

HETATM	8540	O2	PRP	573	29.073	38.862	16.626	1.00	0.00
O									
HETATM	8541	H5	PRP	573	29.721	38.155	16.677	1.00	0.00
H									
HETATM	8542	C3	PRP	573	26.949	39.557	16.248	1.00	0.00
C									
HETATM	8543	H6	PRP	573	25.907	39.452	16.550	1.00	0.00
H									
HETATM	8544	H7	PRP	573	27.243	40.322	16.966	1.00	0.00
H									
HETATM	8545	H8	PRP	573	26.963	39.877	15.206	1.00	0.00
H									
HETATM	8546	O1	PRP	574	41.755	59.548	27.918	1.00	0.00
O									
HETATM	8547	H1	PRP	574	41.606	59.840	27.015	1.00	0.00
H									
HETATM	8548	C1	PRP	574	43.007	58.899	27.902	1.00	0.00
C									
HETATM	8549	H2	PRP	574	43.645	59.514	27.267	1.00	0.00
H									
HETATM	8550	H3	PRP	574	43.331	59.085	28.926	1.00	0.00
H									
HETATM	8551	C2	PRP	574	42.680	57.428	27.405	1.00	0.00
C									
HETATM	8552	H4	PRP	574	43.625	56.909	27.247	1.00	0.00
H									
HETATM	8553	O2	PRP	574	41.990	57.473	26.207	1.00	0.00
O									
HETATM	8554	H5	PRP	574	41.106	57.841	26.277	1.00	0.00
H									
HETATM	8555	C3	PRP	574	41.861	56.639	28.421	1.00	0.00
C									
HETATM	8556	H6	PRP	574	41.516	55.671	28.058	1.00	0.00
H									
HETATM	8557	H7	PRP	574	42.389	56.370	29.336	1.00	0.00
H									
HETATM	8558	H8	PRP	574	41.046	57.268	28.777	1.00	0.00
H									
HETATM	8559	O1	PRP	575	24.999	47.774	40.113	1.00	0.00
O									
HETATM	8560	H1	PRP	575	24.590	47.539	39.277	1.00	0.00
H									
HETATM	8561	C1	PRP	575	26.390	47.290	40.137	1.00	0.00
C									
HETATM	8562	H2	PRP	575	26.324	46.243	39.840	1.00	0.00
H									
HETATM	8563	H3	PRP	575	27.015	47.747	39.369	1.00	0.00
H									
HETATM	8564	C2	PRP	575	26.948	47.462	41.501	1.00	0.00
C									
HETATM	8565	H4	PRP	575	26.268	46.935	42.171	1.00	0.00
H									
HETATM	8566	O2	PRP	575	26.814	48.843	41.818	1.00	0.00
O									
HETATM	8567	H5	PRP	575	26.125	49.091	41.197	1.00	0.00
H									

HETATM	8568	C3	PRP	575	28.415	47.117	41.881	1.00	0.00
C									
HETATM	8569	H6	PRP	575	28.578	46.051	42.039	1.00	0.00
H									
HETATM	8570	H7	PRP	575	29.142	47.391	41.117	1.00	0.00
H									
HETATM	8571	H8	PRP	575	28.534	47.628	42.836	1.00	0.00
H									
HETATM	8572	O1	PRP	576	49.145	30.239	36.691	1.00	0.00
O									
HETATM	8573	H1	PRP	576	49.059	29.285	36.743	1.00	0.00
H									
HETATM	8574	C1	PRP	576	47.875	30.860	36.974	1.00	0.00
C									
HETATM	8575	H2	PRP	576	47.666	31.807	36.477	1.00	0.00
H									
HETATM	8576	H3	PRP	576	47.067	30.241	36.582	1.00	0.00
H									
HETATM	8577	C2	PRP	576	47.739	30.934	38.460	1.00	0.00
C									
HETATM	8578	H4	PRP	576	48.580	31.524	38.825	1.00	0.00
H									
HETATM	8579	O2	PRP	576	47.638	29.761	39.232	1.00	0.00
O									
HETATM	8580	H5	PRP	576	48.111	29.968	40.042	1.00	0.00
H									
HETATM	8581	C3	PRP	576	46.401	31.685	38.800	1.00	0.00
C									
HETATM	8582	H6	PRP	576	46.242	31.677	39.878	1.00	0.00
H									
HETATM	8583	H7	PRP	576	46.499	32.728	38.499	1.00	0.00
H									
HETATM	8584	H8	PRP	576	45.552	31.204	38.315	1.00	0.00
H									
HETATM	8585	O1	PRP	577	22.425	48.556	44.177	1.00	0.00
O									
HETATM	8586	H1	PRP	577	21.605	48.844	43.769	1.00	0.00
H									
HETATM	8587	C1	PRP	577	23.212	47.689	43.338	1.00	0.00
C									
HETATM	8588	H2	PRP	577	23.469	48.286	42.463	1.00	0.00
H									
HETATM	8589	H3	PRP	577	24.096	47.409	43.911	1.00	0.00
H									
HETATM	8590	C2	PRP	577	22.424	46.454	42.914	1.00	0.00
C									
HETATM	8591	H4	PRP	577	21.401	46.773	42.712	1.00	0.00
H									
HETATM	8592	O2	PRP	577	22.298	45.466	43.931	1.00	0.00
O									
HETATM	8593	H5	PRP	577	21.826	45.921	44.632	1.00	0.00
H									
HETATM	8594	C3	PRP	577	22.879	45.862	41.626	1.00	0.00
C									
HETATM	8595	H6	PRP	577	22.386	44.902	41.477	1.00	0.00
H									

HETATM	8596	H7	PRP	577	22.501	46.427	40.774	1.00	0.00
H									
HETATM	8597	H8	PRP	577	23.935	45.596	41.592	1.00	0.00
H									
HETATM	8598	O1	PRP	578	29.687	44.762	25.515	1.00	0.00
O									
HETATM	8599	H1	PRP	578	30.623	44.940	25.634	1.00	0.00
H									
HETATM	8600	C1	PRP	578	29.246	45.176	24.230	1.00	0.00
C									
HETATM	8601	H2	PRP	578	28.557	46.008	24.379	1.00	0.00
H									
HETATM	8602	H3	PRP	578	30.091	45.583	23.674	1.00	0.00
H									
HETATM	8603	C2	PRP	578	28.609	44.030	23.411	1.00	0.00
C									
HETATM	8604	H4	PRP	578	27.991	44.433	22.609	1.00	0.00
H									
HETATM	8605	O2	PRP	578	27.766	43.204	24.169	1.00	0.00
O									
HETATM	8606	H5	PRP	578	28.189	42.918	24.982	1.00	0.00
H									
HETATM	8607	C3	PRP	578	29.672	43.153	22.739	1.00	0.00
C									
HETATM	8608	H6	PRP	578	29.223	42.297	22.234	1.00	0.00
H									
HETATM	8609	H7	PRP	578	30.171	43.746	21.973	1.00	0.00
H									
HETATM	8610	H8	PRP	578	30.395	42.770	23.459	1.00	0.00
H									
HETATM	8611	O1	PRP	579	50.025	40.221	38.548	1.00	0.00
O									
HETATM	8612	H1	PRP	579	49.365	39.966	39.196	1.00	0.00
H									
HETATM	8613	C1	PRP	579	51.092	39.322	38.730	1.00	0.00
C									
HETATM	8614	H2	PRP	579	50.847	38.391	39.241	1.00	0.00
H									
HETATM	8615	H3	PRP	579	51.591	39.164	37.774	1.00	0.00
H									
HETATM	8616	C2	PRP	579	52.115	40.012	39.690	1.00	0.00
C									
HETATM	8617	H4	PRP	579	51.590	40.869	40.111	1.00	0.00
H									
HETATM	8618	O2	PRP	579	53.335	40.402	39.073	1.00	0.00
O									
HETATM	8619	H5	PRP	579	53.847	40.855	39.747	1.00	0.00
H									
HETATM	8620	C3	PRP	579	52.490	38.970	40.787	1.00	0.00
C									
HETATM	8621	H6	PRP	579	52.987	38.136	40.291	1.00	0.00
H									
HETATM	8622	H7	PRP	579	53.058	39.409	41.606	1.00	0.00
H									
HETATM	8623	H8	PRP	579	51.579	38.559	41.223	1.00	0.00
H									

HETATM	8624	O1	PRP	580	45.786	22.820	19.342	1.00	0.00
O									
HETATM	8625	H1	PRP	580	46.326	23.149	20.064	1.00	0.00
H									
HETATM	8626	C1	PRP	580	45.791	23.801	18.344	1.00	0.00
C									
HETATM	8627	H2	PRP	580	46.418	24.621	18.695	1.00	0.00
H									
HETATM	8628	H3	PRP	580	46.155	23.322	17.435	1.00	0.00
H									
HETATM	8629	C2	PRP	580	44.379	24.373	18.141	1.00	0.00
C									
HETATM	8630	H4	PRP	580	44.058	24.760	19.108	1.00	0.00
H									
HETATM	8631	O2	PRP	580	43.530	23.296	17.832	1.00	0.00
O									
HETATM	8632	H5	PRP	580	43.771	22.532	18.360	1.00	0.00
H									
HETATM	8633	C3	PRP	580	44.250	25.481	17.085	1.00	0.00
C									
HETATM	8634	H6	PRP	580	44.565	25.121	16.106	1.00	0.00
H									
HETATM	8635	H7	PRP	580	43.294	25.987	17.217	1.00	0.00
H									
HETATM	8636	H8	PRP	580	45.020	26.201	17.362	1.00	0.00
H									
HETATM	8637	O1	PRP	581	52.125	42.480	37.415	1.00	0.00
O									
HETATM	8638	H1	PRP	581	52.405	41.755	37.978	1.00	0.00
H									
HETATM	8639	C1	PRP	581	52.776	42.476	36.117	1.00	0.00
C									
HETATM	8640	H2	PRP	581	53.751	41.992	36.193	1.00	0.00
H									
HETATM	8641	H3	PRP	581	52.152	41.864	35.466	1.00	0.00
H									
HETATM	8642	C2	PRP	581	53.015	43.834	35.518	1.00	0.00
C									
HETATM	8643	H4	PRP	581	53.302	44.533	36.305	1.00	0.00
H									
HETATM	8644	O2	PRP	581	51.753	44.283	35.034	1.00	0.00
O									
HETATM	8645	H5	PRP	581	51.223	44.060	35.803	1.00	0.00
H									
HETATM	8646	C3	PRP	581	54.022	43.958	34.396	1.00	0.00
C									
HETATM	8647	H6	PRP	581	54.810	43.253	34.659	1.00	0.00
H									
HETATM	8648	H7	PRP	581	53.651	43.693	33.406	1.00	0.00
H									
HETATM	8649	H8	PRP	581	54.369	44.988	34.316	1.00	0.00
H									
HETATM	8650	O1	PRP	582	54.128	24.198	24.504	1.00	0.00
O									
HETATM	8651	H1	PRP	582	53.409	23.595	24.706	1.00	0.00
H									

HETATM	8652	C1	PRP	582	55.290	23.464	24.270	1.00	0.00
C									
HETATM	8653	H2	PRP	582	55.246	22.608	24.944	1.00	0.00
H									
HETATM	8654	H3	PRP	582	55.224	23.182	23.219	1.00	0.00
H									
HETATM	8655	C2	PRP	582	56.535	24.381	24.542	1.00	0.00
C									
HETATM	8656	H4	PRP	582	57.412	23.775	24.315	1.00	0.00
H									
HETATM	8657	O2	PRP	582	56.516	24.861	25.879	1.00	0.00
O									
HETATM	8658	H5	PRP	582	55.954	25.637	25.933	1.00	0.00
H									
HETATM	8659	C3	PRP	582	56.513	25.579	23.564	1.00	0.00
C									
HETATM	8660	H6	PRP	582	55.691	26.281	23.702	1.00	0.00
H									
HETATM	8661	H7	PRP	582	57.414	26.183	23.674	1.00	0.00
H									
HETATM	8662	H8	PRP	582	56.409	25.159	22.563	1.00	0.00
H									
HETATM	8663	O1	PRP	583	51.098	44.581	18.067	1.00	0.00
O									
HETATM	8664	H1	PRP	583	50.295	44.090	17.882	1.00	0.00
H									
HETATM	8665	C1	PRP	583	52.198	43.707	18.127	1.00	0.00
C									
HETATM	8666	H2	PRP	583	52.090	43.068	19.003	1.00	0.00
H									
HETATM	8667	H3	PRP	583	52.269	43.040	17.267	1.00	0.00
H									
HETATM	8668	C2	PRP	583	53.490	44.575	18.147	1.00	0.00
C									
HETATM	8669	H4	PRP	583	53.380	45.324	18.932	1.00	0.00
H									
HETATM	8670	O2	PRP	583	53.790	45.061	16.875	1.00	0.00
O									
HETATM	8671	H5	PRP	583	52.928	45.104	16.455	1.00	0.00
H									
HETATM	8672	C3	PRP	583	54.619	43.735	18.598	1.00	0.00
C									
HETATM	8673	H6	PRP	583	55.522	44.317	18.786	1.00	0.00
H									
HETATM	8674	H7	PRP	583	54.337	43.174	19.488	1.00	0.00
H									
HETATM	8675	H8	PRP	583	54.815	43.057	17.768	1.00	0.00
H									
HETATM	8676	O1	PRP	584	50.329	22.679	33.504	1.00	0.00
O									
HETATM	8677	H1	PRP	584	50.573	23.607	33.481	1.00	0.00
H									
HETATM	8678	C1	PRP	584	50.554	22.241	34.785	1.00	0.00
C									
HETATM	8679	H2	PRP	584	51.494	21.704	34.912	1.00	0.00
H									

HETATM	8680	H3	PRP	584	50.443	23.085	35.466	1.00	0.00
H									
HETATM	8681	C2	PRP	584	49.505	21.164	35.231	1.00	0.00
C									
HETATM	8682	H4	PRP	584	49.489	20.317	34.545	1.00	0.00
H									
HETATM	8683	O2	PRP	584	48.274	21.837	35.324	1.00	0.00
O									
HETATM	8684	H5	PRP	584	48.046	22.322	34.528	1.00	0.00
H									
HETATM	8685	C3	PRP	584	49.779	20.600	36.633	1.00	0.00
C									
HETATM	8686	H6	PRP	584	49.064	19.874	37.019	1.00	0.00
H									
HETATM	8687	H7	PRP	584	50.675	19.981	36.611	1.00	0.00
H									
HETATM	8688	H8	PRP	584	50.097	21.359	37.349	1.00	0.00
H									
HETATM	8689	O1	PRP	585	31.199	34.701	23.945	1.00	0.00
O									
HETATM	8690	H1	PRP	585	31.742	35.133	23.282	1.00	0.00
H									
HETATM	8691	C1	PRP	585	30.810	33.554	23.246	1.00	0.00
C									
HETATM	8692	H2	PRP	585	29.870	33.185	23.657	1.00	0.00
H									
HETATM	8693	H3	PRP	585	30.639	33.843	22.209	1.00	0.00
H									
HETATM	8694	C2	PRP	585	31.754	32.342	23.369	1.00	0.00
C									
HETATM	8695	H4	PRP	585	31.389	31.506	22.772	1.00	0.00
H									
HETATM	8696	O2	PRP	585	31.744	31.908	24.703	1.00	0.00
O									
HETATM	8697	H5	PRP	585	31.982	32.604	25.319	1.00	0.00
H									
HETATM	8698	C3	PRP	585	33.220	32.674	22.983	1.00	0.00
C									
HETATM	8699	H6	PRP	585	33.244	32.959	21.931	1.00	0.00
H									
HETATM	8700	H7	PRP	585	33.643	33.423	23.653	1.00	0.00
H									
HETATM	8701	H8	PRP	585	33.768	31.742	23.119	1.00	0.00
H									
HETATM	8702	O1	PRP	586	54.370	29.984	36.633	1.00	0.00
O									
HETATM	8703	H1	PRP	586	53.957	30.805	36.357	1.00	0.00
H									
HETATM	8704	C1	PRP	586	53.914	29.921	37.957	1.00	0.00
C									
HETATM	8705	H2	PRP	586	54.169	28.977	38.439	1.00	0.00
H									
HETATM	8706	H3	PRP	586	54.294	30.787	38.498	1.00	0.00
H									
HETATM	8707	C2	PRP	586	52.357	29.766	37.966	1.00	0.00
C									

HETATM	8708	H4	PRP	586	52.077	28.811	37.520	1.00	0.00
H									
HETATM	8709	O2	PRP	586	51.797	30.774	37.103	1.00	0.00
O									
HETATM	8710	H5	PRP	586	50.842	30.671	37.077	1.00	0.00
H									
HETATM	8711	C3	PRP	586	52.003	29.810	39.502	1.00	0.00
C									
HETATM	8712	H6	PRP	586	50.950	29.558	39.622	1.00	0.00
H									
HETATM	8713	H7	PRP	586	52.614	29.114	40.076	1.00	0.00
H									
HETATM	8714	H8	PRP	586	52.242	30.780	39.939	1.00	0.00
H									
HETATM	8715	O1	PRP	587	43.386	47.488	24.583	1.00	0.00
O									
HETATM	8716	H1	PRP	587	43.112	48.335	24.222	1.00	0.00
H									
HETATM	8717	C1	PRP	587	43.564	46.547	23.479	1.00	0.00
C									
HETATM	8718	H2	PRP	587	42.586	46.467	23.004	1.00	0.00
H									
HETATM	8719	H3	PRP	587	44.256	46.945	22.737	1.00	0.00
H									
HETATM	8720	C2	PRP	587	43.994	45.130	23.906	1.00	0.00
C									
HETATM	8721	H4	PRP	587	43.343	44.835	24.729	1.00	0.00
H									
HETATM	8722	O2	PRP	587	45.317	45.028	24.301	1.00	0.00
O									
HETATM	8723	H5	PRP	587	45.866	44.772	23.556	1.00	0.00
H									
HETATM	8724	C3	PRP	587	43.852	44.056	22.847	1.00	0.00
C									
HETATM	8725	H6	PRP	587	44.486	44.250	21.983	1.00	0.00
H									
HETATM	8726	H7	PRP	587	44.087	43.107	23.330	1.00	0.00
H									
HETATM	8727	H8	PRP	587	42.771	44.037	22.707	1.00	0.00
H									
HETATM	8728	O1	PRP	588	35.516	31.133	28.737	1.00	0.00
O									
HETATM	8729	H1	PRP	588	34.797	30.653	29.153	1.00	0.00
H									
HETATM	8730	C1	PRP	588	35.483	30.853	27.361	1.00	0.00
C									
HETATM	8731	H2	PRP	588	34.443	30.893	27.038	1.00	0.00
H									
HETATM	8732	H3	PRP	588	36.117	31.600	26.884	1.00	0.00
H									
HETATM	8733	C2	PRP	588	35.973	29.467	27.113	1.00	0.00
C									
HETATM	8734	H4	PRP	588	36.146	29.479	26.037	1.00	0.00
H									
HETATM	8735	O2	PRP	588	34.938	28.584	27.373	1.00	0.00
O									

HETATM	8736	H5	PRP	588	35.175	28.044	28.131	1.00	0.00
H									
HETATM	8737	C3	PRP	588	37.309	29.029	27.696	1.00	0.00
C									
HETATM	8738	H6	PRP	588	38.055	29.756	27.375	1.00	0.00
H									
HETATM	8739	H7	PRP	588	37.228	28.798	28.758	1.00	0.00
H									
HETATM	8740	H8	PRP	588	37.727	28.126	27.252	1.00	0.00
H									
HETATM	8741	O1	PRP	589	46.836	33.311	30.688	1.00	0.00
O									
HETATM	8742	H1	PRP	589	46.737	34.097	30.145	1.00	0.00
H									
HETATM	8743	C1	PRP	589	46.505	33.585	32.083	1.00	0.00
C									
HETATM	8744	H2	PRP	589	45.662	34.273	32.148	1.00	0.00
H									
HETATM	8745	H3	PRP	589	46.213	32.642	32.546	1.00	0.00
H									
HETATM	8746	C2	PRP	589	47.579	34.252	32.927	1.00	0.00
C									
HETATM	8747	H4	PRP	589	47.208	34.576	33.899	1.00	0.00
H									
HETATM	8748	O2	PRP	589	48.101	35.396	32.144	1.00	0.00
O									
HETATM	8749	H5	PRP	589	48.548	34.982	31.402	1.00	0.00
H									
HETATM	8750	C3	PRP	589	48.807	33.346	33.145	1.00	0.00
C									
HETATM	8751	H6	PRP	589	49.436	33.174	32.271	1.00	0.00
H									
HETATM	8752	H7	PRP	589	49.550	33.812	33.793	1.00	0.00
H									
HETATM	8753	H8	PRP	589	48.503	32.393	33.576	1.00	0.00
H									
HETATM	8754	O1	PRP	590	37.231	38.389	25.147	1.00	0.00
O									
HETATM	8755	H1	PRP	590	37.290	39.345	25.215	1.00	0.00
H									
HETATM	8756	C1	PRP	590	35.956	38.007	25.659	1.00	0.00
C									
HETATM	8757	H2	PRP	590	35.896	38.495	26.632	1.00	0.00
H									
HETATM	8758	H3	PRP	590	35.229	38.385	24.940	1.00	0.00
H									
HETATM	8759	C2	PRP	590	35.801	36.461	25.663	1.00	0.00
C									
HETATM	8760	H4	PRP	590	36.561	36.013	26.303	1.00	0.00
H									
HETATM	8761	O2	PRP	590	36.025	36.028	24.334	1.00	0.00
O									
HETATM	8762	H5	PRP	590	36.433	36.745	23.844	1.00	0.00
H									
HETATM	8763	C3	PRP	590	34.425	36.007	26.158	1.00	0.00
C									

HETATM	8764	H6	PRP	590	34.198	34.986	25.852	1.00	0.00
H									
HETATM	8765	H7	PRP	590	34.371	36.269	27.215	1.00	0.00
H									
HETATM	8766	H8	PRP	590	33.667	36.533	25.578	1.00	0.00
H									
HETATM	8767	O1	PRP	591	46.400	23.091	22.297	1.00	0.00
O									
HETATM	8768	H1	PRP	591	46.646	22.786	23.173	1.00	0.00
H									
HETATM	8769	C1	PRP	591	45.887	24.342	22.567	1.00	0.00
C									
HETATM	8770	H2	PRP	591	45.717	24.858	21.621	1.00	0.00
H									
HETATM	8771	H3	PRP	591	44.937	24.221	23.088	1.00	0.00
H									
HETATM	8772	C2	PRP	591	46.873	25.224	23.323	1.00	0.00
C									
HETATM	8773	H4	PRP	591	47.759	25.427	22.721	1.00	0.00
H									
HETATM	8774	O2	PRP	591	47.284	24.671	24.597	1.00	0.00
O									
HETATM	8775	H5	PRP	591	46.947	25.273	25.265	1.00	0.00
H									
HETATM	8776	C3	PRP	591	46.315	26.621	23.617	1.00	0.00
C									
HETATM	8777	H6	PRP	591	45.931	27.108	22.721	1.00	0.00
H									
HETATM	8778	H7	PRP	591	45.391	26.599	24.195	1.00	0.00
H									
HETATM	8779	H8	PRP	591	47.043	27.299	24.063	1.00	0.00
H									
HETATM	8780	O1	PRP	592	36.621	30.948	16.631	1.00	0.00
O									
HETATM	8781	H1	PRP	592	35.806	31.008	16.126	1.00	0.00
H									
HETATM	8782	C1	PRP	592	36.377	31.091	17.998	1.00	0.00
C									
HETATM	8783	H2	PRP	592	36.779	32.036	18.362	1.00	0.00
H									
HETATM	8784	H3	PRP	592	35.337	30.986	18.308	1.00	0.00
H									
HETATM	8785	C2	PRP	592	37.185	30.130	18.751	1.00	0.00
C									
HETATM	8786	H4	PRP	592	38.175	30.047	18.303	1.00	0.00
H									
HETATM	8787	O2	PRP	592	36.570	28.820	18.766	1.00	0.00
O									
HETATM	8788	H5	PRP	592	37.270	28.203	18.990	1.00	0.00
H									
HETATM	8789	C3	PRP	592	37.143	30.577	20.252	1.00	0.00
C									
HETATM	8790	H6	PRP	592	37.982	30.066	20.725	1.00	0.00
H									
HETATM	8791	H7	PRP	592	37.298	31.646	20.396	1.00	0.00
H									

HETATM	8792	H8	PRP	592	36.217	30.275	20.742	1.00	0.00
H									
HETATM	8793	O1	PRP	593	31.271	36.393	49.121	1.00	0.00
O									
HETATM	8794	H1	PRP	593	30.571	36.745	48.567	1.00	0.00
H									
HETATM	8795	C1	PRP	593	31.617	35.018	48.841	1.00	0.00
C									
HETATM	8796	H2	PRP	593	32.341	34.737	49.605	1.00	0.00
H									
HETATM	8797	H3	PRP	593	30.688	34.448	48.865	1.00	0.00
H									
HETATM	8798	C2	PRP	593	32.395	34.628	47.610	1.00	0.00
C									
HETATM	8799	H4	PRP	593	32.570	33.577	47.381	1.00	0.00
H									
HETATM	8800	O2	PRP	593	33.693	35.192	47.809	1.00	0.00
O									
HETATM	8801	H5	PRP	593	33.589	36.064	48.197	1.00	0.00
H									
HETATM	8802	C3	PRP	593	31.747	35.175	46.417	1.00	0.00
C									
HETATM	8803	H6	PRP	593	32.400	34.887	45.594	1.00	0.00
H									
HETATM	8804	H7	PRP	593	30.729	34.785	46.432	1.00	0.00
H									
HETATM	8805	H8	PRP	593	31.785	36.257	46.287	1.00	0.00
H									
HETATM	8806	O1	PRP	594	34.854	53.942	25.026	1.00	0.00
O									
HETATM	8807	H1	PRP	594	34.109	53.596	24.529	1.00	0.00
H									
HETATM	8808	C1	PRP	594	36.013	53.599	24.296	1.00	0.00
C									
HETATM	8809	H2	PRP	594	36.739	54.266	24.761	1.00	0.00
H									
HETATM	8810	H3	PRP	594	36.361	52.574	24.427	1.00	0.00
H									
HETATM	8811	C2	PRP	594	35.805	53.743	22.784	1.00	0.00
C									
HETATM	8812	H4	PRP	594	35.654	54.806	22.596	1.00	0.00
H									
HETATM	8813	O2	PRP	594	34.687	53.039	22.365	1.00	0.00
O									
HETATM	8814	H5	PRP	594	34.661	52.794	21.438	1.00	0.00
H									
HETATM	8815	C3	PRP	594	36.995	53.182	21.997	1.00	0.00
C									
HETATM	8816	H6	PRP	594	37.842	53.841	22.186	1.00	0.00
H									
HETATM	8817	H7	PRP	594	37.244	52.144	22.219	1.00	0.00
H									
HETATM	8818	H8	PRP	594	36.752	53.308	20.942	1.00	0.00
H									
HETATM	8819	O1	PRP	595	40.485	48.922	34.909	1.00	0.00
O									

HETATM	8820	H1	PRP	595	40.103	48.354	35.581	1.00	0.00
H									
HETATM	8821	C1	PRP	595	41.689	48.335	34.377	1.00	0.00
C									
HETATM	8822	H2	PRP	595	41.467	47.408	33.849	1.00	0.00
H									
HETATM	8823	H3	PRP	595	42.082	48.986	33.596	1.00	0.00
H									
HETATM	8824	C2	PRP	595	42.728	48.151	35.507	1.00	0.00
C									
HETATM	8825	H4	PRP	595	42.229	47.715	36.372	1.00	0.00
H									
HETATM	8826	O2	PRP	595	43.123	49.383	35.959	1.00	0.00
O									
HETATM	8827	H5	PRP	595	43.430	49.947	35.245	1.00	0.00
H									
HETATM	8828	C3	PRP	595	43.780	47.216	34.871	1.00	0.00
C									
HETATM	8829	H6	PRP	595	43.358	46.212	34.918	1.00	0.00
H									
HETATM	8830	H7	PRP	595	43.914	47.564	33.846	1.00	0.00
H									
HETATM	8831	H8	PRP	595	44.676	47.332	35.480	1.00	0.00
H									
HETATM	8832	O1	PRP	596	43.835	39.790	29.027	1.00	0.00
O									
HETATM	8833	H1	PRP	596	44.613	39.505	29.513	1.00	0.00
H									
HETATM	8834	C1	PRP	596	43.413	41.024	29.528	1.00	0.00
C									
HETATM	8835	H2	PRP	596	42.430	40.836	29.961	1.00	0.00
H									
HETATM	8836	H3	PRP	596	44.127	41.491	30.206	1.00	0.00
H									
HETATM	8837	C2	PRP	596	43.194	41.971	28.333	1.00	0.00
C									
HETATM	8838	H4	PRP	596	42.537	41.490	27.608	1.00	0.00
H									
HETATM	8839	O2	PRP	596	44.485	42.284	27.756	1.00	0.00
O									
HETATM	8840	H5	PRP	596	44.697	43.219	27.802	1.00	0.00
H									
HETATM	8841	C3	PRP	596	42.442	43.198	28.806	1.00	0.00
C									
HETATM	8842	H6	PRP	596	42.902	43.809	29.583	1.00	0.00
H									
HETATM	8843	H7	PRP	596	42.222	43.951	28.049	1.00	0.00
H									
HETATM	8844	H8	PRP	596	41.464	42.861	29.152	1.00	0.00
H									
HETATM	8845	O1	PRP	597	28.429	44.724	34.200	1.00	0.00
O									
HETATM	8846	H1	PRP	597	28.712	44.987	35.079	1.00	0.00
H									
HETATM	8847	C1	PRP	597	27.616	45.651	33.549	1.00	0.00
C									

HETATM	8848	H2	PRP	597	26.575	45.385	33.734	1.00	0.00
H									
HETATM	8849	H3	PRP	597	27.895	46.651	33.880	1.00	0.00
H									
HETATM	8850	C2	PRP	597	27.849	45.533	32.032	1.00	0.00
C									
HETATM	8851	H4	PRP	597	27.770	44.500	31.695	1.00	0.00
H									
HETATM	8852	O2	PRP	597	29.096	46.081	31.687	1.00	0.00
O									
HETATM	8853	H5	PRP	597	29.798	45.685	32.209	1.00	0.00
H									
HETATM	8854	C3	PRP	597	26.658	46.236	31.419	1.00	0.00
C									
HETATM	8855	H6	PRP	597	27.054	46.984	30.732	1.00	0.00
H									
HETATM	8856	H7	PRP	597	26.084	45.510	30.843	1.00	0.00
H									
HETATM	8857	H8	PRP	597	26.014	46.751	32.131	1.00	0.00
H									
HETATM	8858	O1	PRP	598	23.721	57.814	29.582	1.00	0.00
O									
HETATM	8859	H1	PRP	598	24.164	58.653	29.436	1.00	0.00
H									
HETATM	8860	C1	PRP	598	22.663	57.886	30.508	1.00	0.00
C									
HETATM	8861	H2	PRP	598	21.864	58.460	30.038	1.00	0.00
H									
HETATM	8862	H3	PRP	598	22.227	56.892	30.610	1.00	0.00
H									
HETATM	8863	C2	PRP	598	23.045	58.461	31.836	1.00	0.00
C									
HETATM	8864	H4	PRP	598	23.606	59.391	31.746	1.00	0.00
H									
HETATM	8865	O2	PRP	598	23.943	57.513	32.396	1.00	0.00
O									
HETATM	8866	H5	PRP	598	24.448	57.113	31.684	1.00	0.00
H									
HETATM	8867	C3	PRP	598	21.908	58.716	32.693	1.00	0.00
C									
HETATM	8868	H6	PRP	598	21.008	59.137	32.245	1.00	0.00
H									
HETATM	8869	H7	PRP	598	21.640	57.808	33.234	1.00	0.00
H									
HETATM	8870	H8	PRP	598	22.183	59.384	33.510	1.00	0.00
H									
HETATM	8871	O1	PRP	599	24.907	50.224	31.273	1.00	0.00
O									
HETATM	8872	H1	PRP	599	25.829	49.956	31.285	1.00	0.00
H									
HETATM	8873	C1	PRP	599	24.321	49.017	30.797	1.00	0.00
C									
HETATM	8874	H2	PRP	599	24.030	49.059	29.748	1.00	0.00
H									
HETATM	8875	H3	PRP	599	25.142	48.301	30.744	1.00	0.00
H									

HETATM	8876	C2	PRP	599	23.161	48.506	31.650	1.00	0.00
C									
HETATM	8877	H4	PRP	599	22.330	49.211	31.663	1.00	0.00
H									
HETATM	8878	O2	PRP	599	23.503	48.335	33.005	1.00	0.00
O									
HETATM	8879	H5	PRP	599	23.828	49.136	33.423	1.00	0.00
H									
HETATM	8880	C3	PRP	599	22.635	47.232	31.013	1.00	0.00
C									
HETATM	8881	H6	PRP	599	23.416	46.476	30.933	1.00	0.00
H									
HETATM	8882	H7	PRP	599	21.747	46.958	31.582	1.00	0.00
H									
HETATM	8883	H8	PRP	599	22.275	47.463	30.011	1.00	0.00
H									
HETATM	8884	O1	PRP	600	31.878	59.088	26.108	1.00	0.00
O									
HETATM	8885	H1	PRP	600	31.443	58.832	25.291	1.00	0.00
H									
HETATM	8886	C1	PRP	600	31.731	58.178	27.180	1.00	0.00
C									
HETATM	8887	H2	PRP	600	30.812	58.478	27.685	1.00	0.00
H									
HETATM	8888	H3	PRP	600	31.709	57.149	26.820	1.00	0.00
H									
HETATM	8889	C2	PRP	600	32.895	58.394	28.135	1.00	0.00
C									
HETATM	8890	H4	PRP	600	32.951	59.475	28.265	1.00	0.00
H									
HETATM	8891	O2	PRP	600	34.136	58.068	27.557	1.00	0.00
O									
HETATM	8892	H5	PRP	600	33.959	58.070	26.614	1.00	0.00
H									
HETATM	8893	C3	PRP	600	32.905	57.884	29.570	1.00	0.00
C									
HETATM	8894	H6	PRP	600	33.908	57.640	29.921	1.00	0.00
H									
HETATM	8895	H7	PRP	600	32.391	58.583	30.229	1.00	0.00
H									
HETATM	8896	H8	PRP	600	32.199	57.057	29.491	1.00	0.00
H									
HETATM	8897	O1	PRP	601	34.977	35.443	40.114	1.00	0.00
O									
HETATM	8898	H1	PRP	601	35.648	34.882	39.718	1.00	0.00
H									
HETATM	8899	C1	PRP	601	33.786	35.843	39.443	1.00	0.00
C									
HETATM	8900	H2	PRP	601	34.131	36.353	38.543	1.00	0.00
H									
HETATM	8901	H3	PRP	601	33.192	34.979	39.146	1.00	0.00
H									
HETATM	8902	C2	PRP	601	32.993	36.748	40.405	1.00	0.00
C									
HETATM	8903	H4	PRP	601	32.142	37.119	39.834	1.00	0.00
H									

HETATM	8904	O2	PRP	601	33.655	37.898	40.891	1.00	0.00
O									
HETATM	8905	H5	PRP	601	34.586	37.677	40.823	1.00	0.00
H									
HETATM	8906	C3	PRP	601	32.477	36.019	41.645	1.00	0.00
C									
HETATM	8907	H6	PRP	601	31.856	36.659	42.272	1.00	0.00
H									
HETATM	8908	H7	PRP	601	31.848	35.221	41.250	1.00	0.00
H									
HETATM	8909	H8	PRP	601	33.231	35.495	42.232	1.00	0.00
H									
HETATM	8910	O1	PRP	602	33.861	33.503	29.168	1.00	0.00
O									
HETATM	8911	H1	PRP	602	34.490	32.852	28.849	1.00	0.00
H									
HETATM	8912	C1	PRP	602	32.652	33.456	28.454	1.00	0.00
C									
HETATM	8913	H2	PRP	602	32.880	33.550	27.392	1.00	0.00
H									
HETATM	8914	H3	PRP	602	32.040	32.561	28.571	1.00	0.00
H									
HETATM	8915	C2	PRP	602	31.683	34.632	28.772	1.00	0.00
C									
HETATM	8916	H4	PRP	602	32.088	35.577	28.410	1.00	0.00
H									
HETATM	8917	O2	PRP	602	31.384	34.645	30.139	1.00	0.00
O									
HETATM	8918	H5	PRP	602	32.120	35.066	30.589	1.00	0.00
H									
HETATM	8919	C3	PRP	602	30.333	34.278	28.066	1.00	0.00
C									
HETATM	8920	H6	PRP	602	30.160	33.242	28.355	1.00	0.00
H									
HETATM	8921	H7	PRP	602	29.505	34.896	28.413	1.00	0.00
H									
HETATM	8922	H8	PRP	602	30.399	34.313	26.978	1.00	0.00
H									
HETATM	8923	O1	PRP	603	34.233	32.215	31.758	1.00	0.00
O									
HETATM	8924	H1	PRP	603	33.728	32.493	30.990	1.00	0.00
H									
HETATM	8925	C1	PRP	603	34.172	33.229	32.715	1.00	0.00
C									
HETATM	8926	H2	PRP	603	33.326	33.878	32.488	1.00	0.00
H									
HETATM	8927	H3	PRP	603	34.110	32.747	33.691	1.00	0.00
H									
HETATM	8928	C2	PRP	603	35.458	33.983	32.700	1.00	0.00
C									
HETATM	8929	H4	PRP	603	35.651	34.470	31.743	1.00	0.00
H									
HETATM	8930	O2	PRP	603	36.542	33.132	33.105	1.00	0.00
O									
HETATM	8931	H5	PRP	603	36.845	32.653	32.331	1.00	0.00
H									

HETATM	8932	C3	PRP	603	35.123	35.131	33.676	1.00	0.00
C									
HETATM	8933	H6	PRP	603	34.810	34.768	34.655	1.00	0.00
H									
HETATM	8934	H7	PRP	603	36.026	35.729	33.799	1.00	0.00
H									
HETATM	8935	H8	PRP	603	34.284	35.726	33.317	1.00	0.00
H									
HETATM	8936	O1	PRP	604	42.409	49.771	23.650	1.00	0.00
O									
HETATM	8937	H1	PRP	604	42.397	50.149	22.768	1.00	0.00
H									
HETATM	8938	C1	PRP	604	41.122	49.920	24.277	1.00	0.00
C									
HETATM	8939	H2	PRP	604	40.905	48.934	24.688	1.00	0.00
H									
HETATM	8940	H3	PRP	604	41.115	50.704	25.034	1.00	0.00
H									
HETATM	8941	C2	PRP	604	40.009	50.280	23.291	1.00	0.00
C									
HETATM	8942	H4	PRP	604	39.966	49.521	22.510	1.00	0.00
H									
HETATM	8943	O2	PRP	604	40.150	51.562	22.842	1.00	0.00
O									
HETATM	8944	H5	PRP	604	39.853	52.204	23.491	1.00	0.00
H									
HETATM	8945	C3	PRP	604	38.660	50.231	23.964	1.00	0.00
C									
HETATM	8946	H6	PRP	604	38.456	49.294	24.483	1.00	0.00
H									
HETATM	8947	H7	PRP	604	38.464	51.079	24.619	1.00	0.00
H									
HETATM	8948	H8	PRP	604	37.925	50.339	23.167	1.00	0.00
H									
HETATM	8949	O1	PRP	605	36.644	43.091	32.217	1.00	0.00
O									
HETATM	8950	H1	PRP	605	37.102	42.562	32.874	1.00	0.00
H									
HETATM	8951	C1	PRP	605	35.388	42.517	31.902	1.00	0.00
C									
HETATM	8952	H2	PRP	605	35.516	41.804	31.088	1.00	0.00
H									
HETATM	8953	H3	PRP	605	34.976	41.861	32.669	1.00	0.00
H									
HETATM	8954	C2	PRP	605	34.351	43.627	31.522	1.00	0.00
C									
HETATM	8955	H4	PRP	605	34.847	44.094	30.672	1.00	0.00
H									
HETATM	8956	O2	PRP	605	34.096	44.550	32.588	1.00	0.00
O									
HETATM	8957	H5	PRP	605	34.430	44.361	33.467	1.00	0.00
H									
HETATM	8958	C3	PRP	605	33.025	42.973	31.251	1.00	0.00
C									
HETATM	8959	H6	PRP	605	32.601	42.464	32.117	1.00	0.00
H									

HETATM	8960	H7	PRP	605	32.335	43.787	31.025	1.00	0.00
H									
HETATM	8961	H8	PRP	605	33.104	42.231	30.458	1.00	0.00
H									
HETATM	8962	O1	PRP	606	40.015	32.707	29.379	1.00	0.00
O									
HETATM	8963	H1	PRP	606	40.831	32.903	28.913	1.00	0.00
H									
HETATM	8964	C1	PRP	606	39.052	32.371	28.364	1.00	0.00
C									
HETATM	8965	H2	PRP	606	39.527	31.816	27.555	1.00	0.00
H									
HETATM	8966	H3	PRP	606	38.363	31.679	28.848	1.00	0.00
H									
HETATM	8967	C2	PRP	606	38.238	33.613	27.967	1.00	0.00
C									
HETATM	8968	H4	PRP	606	37.534	33.349	27.179	1.00	0.00
H									
HETATM	8969	O2	PRP	606	39.174	34.553	27.484	1.00	0.00
O									
HETATM	8970	H5	PRP	606	39.710	34.775	28.249	1.00	0.00
H									
HETATM	8971	C3	PRP	606	37.580	34.369	29.099	1.00	0.00
C									
HETATM	8972	H6	PRP	606	38.397	34.849	29.638	1.00	0.00
H									
HETATM	8973	H7	PRP	606	36.955	35.188	28.742	1.00	0.00
H									
HETATM	8974	H8	PRP	606	37.040	33.715	29.783	1.00	0.00
H									
HETATM	8975	O1	PRP	607	38.883	40.461	27.078	1.00	0.00
O									
HETATM	8976	H1	PRP	607	38.962	39.631	27.553	1.00	0.00
H									
HETATM	8977	C1	PRP	607	40.010	40.687	26.280	1.00	0.00
C									
HETATM	8978	H2	PRP	607	40.883	40.387	26.860	1.00	0.00
H									
HETATM	8979	H3	PRP	607	39.885	40.087	25.378	1.00	0.00
H									
HETATM	8980	C2	PRP	607	40.073	42.175	25.948	1.00	0.00
C									
HETATM	8981	H4	PRP	607	40.219	42.734	26.872	1.00	0.00
H									
HETATM	8982	O2	PRP	607	38.800	42.498	25.422	1.00	0.00
O									
HETATM	8983	H5	PRP	607	38.297	41.754	25.760	1.00	0.00
H									
HETATM	8984	C3	PRP	607	41.125	42.576	24.907	1.00	0.00
C									
HETATM	8985	H6	PRP	607	40.965	43.623	24.653	1.00	0.00
H									
HETATM	8986	H7	PRP	607	42.147	42.468	25.271	1.00	0.00
H									
HETATM	8987	H8	PRP	607	40.947	42.020	23.987	1.00	0.00
H									

HETATM	8988	O1	PRP	608	45.207	34.600	28.087	1.00	0.00
O									
HETATM	8989	H1	PRP	608	45.400	34.370	27.175	1.00	0.00
H									
HETATM	8990	C1	PRP	608	45.932	35.816	28.321	1.00	0.00
C									
HETATM	8991	H2	PRP	608	45.280	36.682	28.209	1.00	0.00
H									
HETATM	8992	H3	PRP	608	46.337	35.729	29.329	1.00	0.00
H									
HETATM	8993	C2	PRP	608	47.131	36.025	27.338	1.00	0.00
C									
HETATM	8994	H4	PRP	608	47.398	37.082	27.306	1.00	0.00
H									
HETATM	8995	O2	PRP	608	46.860	35.577	26.056	1.00	0.00
O									
HETATM	8996	H5	PRP	608	47.553	35.949	25.506	1.00	0.00
H									
HETATM	8997	C3	PRP	608	48.293	35.155	27.916	1.00	0.00
C									
HETATM	8998	H6	PRP	608	48.088	34.099	27.742	1.00	0.00
H									
HETATM	8999	H7	PRP	608	49.249	35.375	27.443	1.00	0.00
H									
HETATM	9000	H8	PRP	608	48.445	35.346	28.979	1.00	0.00
H									
HETATM	9001	O1	PRP	609	37.420	42.952	20.937	1.00	0.00
O									
HETATM	9002	H1	PRP	609	37.583	43.353	20.080	1.00	0.00
H									
HETATM	9003	C1	PRP	609	38.599	42.434	21.593	1.00	0.00
C									
HETATM	9004	H2	PRP	609	39.459	43.067	21.377	1.00	0.00
H									
HETATM	9005	H3	PRP	609	38.430	42.425	22.670	1.00	0.00
H									
HETATM	9006	C2	PRP	609	38.833	41.037	21.095	1.00	0.00
C									
HETATM	9007	H4	PRP	609	39.288	41.179	20.115	1.00	0.00
H									
HETATM	9008	O2	PRP	609	37.674	40.265	20.933	1.00	0.00
O									
HETATM	9009	H5	PRP	609	37.118	40.668	20.263	1.00	0.00
H									
HETATM	9010	C3	PRP	609	39.744	40.235	21.956	1.00	0.00
C									
HETATM	9011	H6	PRP	609	39.994	39.241	21.586	1.00	0.00
H									
HETATM	9012	H7	PRP	609	40.726	40.707	21.994	1.00	0.00
H									
HETATM	9013	H8	PRP	609	39.311	40.171	22.954	1.00	0.00
H									
HETATM	9014	O1	PRP	610	39.429	36.955	23.855	1.00	0.00
O									
HETATM	9015	H1	PRP	610	38.703	37.493	24.179	1.00	0.00
H									

HETATM	9016	C1	PRP	610	40.424	36.731	24.863	1.00	0.00
C									
HETATM	9017	H2	PRP	610	40.662	37.680	25.344	1.00	0.00
H									
HETATM	9018	H3	PRP	610	39.998	36.081	25.626	1.00	0.00
H									
HETATM	9019	C2	PRP	610	41.701	36.063	24.356	1.00	0.00
C									
HETATM	9020	H4	PRP	610	42.223	36.640	23.592	1.00	0.00
H									
HETATM	9021	O2	PRP	610	41.444	34.760	23.768	1.00	0.00
O									
HETATM	9022	H5	PRP	610	40.590	34.818	23.334	1.00	0.00
H									
HETATM	9023	C3	PRP	610	42.690	35.867	25.393	1.00	0.00
C									
HETATM	9024	H6	PRP	610	42.346	35.452	26.341	1.00	0.00
H									
HETATM	9025	H7	PRP	610	43.418	35.158	24.998	1.00	0.00
H									
HETATM	9026	H8	PRP	610	43.158	36.828	25.607	1.00	0.00
H									
HETATM	9027	O1	PRP	611	37.029	46.140	31.389	1.00	0.00
O									
HETATM	9028	H1	PRP	611	37.101	45.193	31.528	1.00	0.00
H									
HETATM	9029	C1	PRP	611	36.803	46.399	30.029	1.00	0.00
C									
HETATM	9030	H2	PRP	611	37.732	46.480	29.464	1.00	0.00
H									
HETATM	9031	H3	PRP	611	36.298	45.522	29.622	1.00	0.00
H									
HETATM	9032	C2	PRP	611	35.877	47.623	29.792	1.00	0.00
C									
HETATM	9033	H4	PRP	611	36.262	48.497	30.317	1.00	0.00
H									
HETATM	9034	O2	PRP	611	34.677	47.363	30.458	1.00	0.00
O									
HETATM	9035	H5	PRP	611	34.866	46.695	31.121	1.00	0.00
H									
HETATM	9036	C3	PRP	611	35.844	47.902	28.338	1.00	0.00
C									
HETATM	9037	H6	PRP	611	35.574	46.992	27.801	1.00	0.00
H									
HETATM	9038	H7	PRP	611	35.115	48.713	28.318	1.00	0.00
H									
HETATM	9039	H8	PRP	611	36.790	48.272	27.944	1.00	0.00
H									
HETATM	9040	O1	PRP	612	47.462	41.318	33.762	1.00	0.00
O									
HETATM	9041	H1	PRP	612	47.121	40.825	34.512	1.00	0.00
H									
HETATM	9042	C1	PRP	612	48.787	41.298	34.012	1.00	0.00
C									
HETATM	9043	H2	PRP	612	49.003	40.252	33.795	1.00	0.00
H									

HETATM	9044	H3	PRP	612	49.323	42.031	33.409	1.00	0.00
H									
HETATM	9045	C2	PRP	612	49.037	41.578	35.471	1.00	0.00
C									
HETATM	9046	H4	PRP	612	50.096	41.468	35.703	1.00	0.00
H									
HETATM	9047	O2	PRP	612	48.348	40.625	36.221	1.00	0.00
O									
HETATM	9048	H5	PRP	612	48.707	40.392	37.081	1.00	0.00
H									
HETATM	9049	C3	PRP	612	48.519	43.002	35.849	1.00	0.00
C									
HETATM	9050	H6	PRP	612	48.234	43.590	34.977	1.00	0.00
H									
HETATM	9051	H7	PRP	612	47.704	43.048	36.572	1.00	0.00
H									
HETATM	9052	H8	PRP	612	49.304	43.460	36.451	1.00	0.00
H									
HETATM	9053	O1	PRP	613	43.978	27.478	20.449	1.00	0.00
O									
HETATM	9054	H1	PRP	613	43.398	27.358	19.693	1.00	0.00
H									
HETATM	9055	C1	PRP	613	43.720	28.736	21.044	1.00	0.00
C									
HETATM	9056	H2	PRP	613	44.678	29.088	21.426	1.00	0.00
H									
HETATM	9057	H3	PRP	613	43.341	29.393	20.261	1.00	0.00
H									
HETATM	9058	C2	PRP	613	42.688	28.609	22.143	1.00	0.00
C									
HETATM	9059	H4	PRP	613	42.887	29.227	23.019	1.00	0.00
H									
HETATM	9060	O2	PRP	613	42.789	27.253	22.689	1.00	0.00
O									
HETATM	9061	H5	PRP	613	43.255	26.763	22.008	1.00	0.00
H									
HETATM	9062	C3	PRP	613	41.342	28.867	21.595	1.00	0.00
C									
HETATM	9063	H6	PRP	613	41.188	28.772	20.520	1.00	0.00
H									
HETATM	9064	H7	PRP	613	40.605	28.204	22.050	1.00	0.00
H									
HETATM	9065	H8	PRP	613	40.982	29.874	21.806	1.00	0.00
H									
HETATM	9066	O1	PRP	614	39.360	32.687	16.990	1.00	0.00
O									
HETATM	9067	H1	PRP	614	39.083	31.768	16.986	1.00	0.00
H									
HETATM	9068	C1	PRP	614	40.797	32.734	17.043	1.00	0.00
C									
HETATM	9069	H2	PRP	614	41.199	32.494	16.059	1.00	0.00
H									
HETATM	9070	H3	PRP	614	41.302	33.672	17.272	1.00	0.00
H									
HETATM	9071	C2	PRP	614	41.436	31.766	18.041	1.00	0.00
C									

HETATM	9072	H4	PRP	614	42.508	31.751	17.843	1.00	0.00
H									
HETATM	9073	O2	PRP	614	40.968	30.430	17.768	1.00	0.00
O									
HETATM	9074	H5	PRP	614	40.824	30.325	16.825	1.00	0.00
H									
HETATM	9075	C3	PRP	614	41.100	32.220	19.454	1.00	0.00
C									
HETATM	9076	H6	PRP	614	41.858	31.854	20.148	1.00	0.00
H									
HETATM	9077	H7	PRP	614	41.058	33.308	19.504	1.00	0.00
H									
HETATM	9078	H8	PRP	614	40.122	31.852	19.764	1.00	0.00
H									
HETATM	9079	O1	PRP	615	36.547	29.441	14.000	1.00	0.00
O									
HETATM	9080	H1	PRP	615	35.701	29.237	13.595	1.00	0.00
H									
HETATM	9081	C1	PRP	615	37.342	28.407	14.486	1.00	0.00
C									
HETATM	9082	H2	PRP	615	36.931	28.060	15.434	1.00	0.00
H									
HETATM	9083	H3	PRP	615	37.346	27.627	13.724	1.00	0.00
H									
HETATM	9084	C2	PRP	615	38.848	28.825	14.541	1.00	0.00
C									
HETATM	9085	H4	PRP	615	39.327	27.967	15.013	1.00	0.00
H									
HETATM	9086	O2	PRP	615	38.901	30.005	15.346	1.00	0.00
O									
HETATM	9087	H5	PRP	615	38.004	30.257	15.576	1.00	0.00
H									
HETATM	9088	C3	PRP	615	39.598	29.239	13.184	1.00	0.00
C									
HETATM	9089	H6	PRP	615	39.277	30.219	12.833	1.00	0.00
H									
HETATM	9090	H7	PRP	615	40.660	29.310	13.418	1.00	0.00
H									
HETATM	9091	H8	PRP	615	39.346	28.541	12.386	1.00	0.00
H									
HETATM	9092	O1	PRP	616	54.254	37.394	28.505	1.00	0.00
O									
HETATM	9093	H1	PRP	616	54.486	37.510	27.581	1.00	0.00
H									
HETATM	9094	C1	PRP	616	53.046	38.071	28.640	1.00	0.00
C									
HETATM	9095	H2	PRP	616	52.586	37.811	29.593	1.00	0.00
H									
HETATM	9096	H3	PRP	616	53.165	39.152	28.570	1.00	0.00
H									
HETATM	9097	C2	PRP	616	52.034	37.669	27.518	1.00	0.00
C									
HETATM	9098	H4	PRP	616	51.892	36.589	27.549	1.00	0.00
H									
HETATM	9099	O2	PRP	616	52.551	38.234	26.246	1.00	0.00
O									

HETATM	9100	H5	PRP	616	53.098	37.656	25.708	1.00	0.00
H									
HETATM	9101	C3	PRP	616	50.672	38.412	27.723	1.00	0.00
C									
HETATM	9102	H6	PRP	616	50.847	39.487	27.689	1.00	0.00
H									
HETATM	9103	H7	PRP	616	49.955	38.137	26.950	1.00	0.00
H									
HETATM	9104	H8	PRP	616	50.172	38.201	28.669	1.00	0.00
H									
HETATM	9105	O1	PRP	617	32.151	51.476	22.253	1.00	0.00
O									
HETATM	9106	H1	PRP	617	32.964	51.955	22.433	1.00	0.00
H									
HETATM	9107	C1	PRP	617	31.820	50.643	23.354	1.00	0.00
C									
HETATM	9108	H2	PRP	617	31.005	49.999	23.023	1.00	0.00
H									
HETATM	9109	H3	PRP	617	32.665	49.998	23.597	1.00	0.00
H									
HETATM	9110	C2	PRP	617	31.470	51.493	24.615	1.00	0.00
C									
HETATM	9111	H4	PRP	617	31.149	52.468	24.246	1.00	0.00
H									
HETATM	9112	O2	PRP	617	32.658	51.487	25.411	1.00	0.00
O									
HETATM	9113	H5	PRP	617	32.623	50.716	25.981	1.00	0.00
H									
HETATM	9114	C3	PRP	617	30.399	50.709	25.373	1.00	0.00
C									
HETATM	9115	H6	PRP	617	30.799	49.736	25.655	1.00	0.00
H									
HETATM	9116	H7	PRP	617	30.221	51.167	26.346	1.00	0.00
H									
HETATM	9117	H8	PRP	617	29.482	50.744	24.785	1.00	0.00
H									
HETATM	9118	O1	PRP	618	37.504	56.151	26.186	1.00	0.00
O									
HETATM	9119	H1	PRP	618	36.975	56.401	25.425	1.00	0.00
H									
HETATM	9120	C1	PRP	618	36.646	55.742	27.175	1.00	0.00
C									
HETATM	9121	H2	PRP	618	35.695	56.210	26.922	1.00	0.00
H									
HETATM	9122	H3	PRP	618	36.585	54.659	27.069	1.00	0.00
H									
HETATM	9123	C2	PRP	618	37.024	56.003	28.590	1.00	0.00
C									
HETATM	9124	H4	PRP	618	36.326	55.461	29.228	1.00	0.00
H									
HETATM	9125	O2	PRP	618	36.949	57.408	28.913	1.00	0.00
O									
HETATM	9126	H5	PRP	618	36.037	57.678	28.784	1.00	0.00
H									
HETATM	9127	C3	PRP	618	38.434	55.465	28.880	1.00	0.00
C									

HETATM	9128	H6	PRP	618	39.108	55.720	28.062	1.00	0.00
H									
HETATM	9129	H7	PRP	618	38.891	55.865	29.784	1.00	0.00
H									
HETATM	9130	H8	PRP	618	38.407	54.392	29.071	1.00	0.00
H									
HETATM	9131	O1	PRP	619	24.175	60.724	29.545	1.00	0.00
O									
HETATM	9132	H1	PRP	619	24.775	61.227	30.101	1.00	0.00
H									
HETATM	9133	C1	PRP	619	24.603	60.883	28.243	1.00	0.00
C									
HETATM	9134	H2	PRP	619	25.234	60.026	28.006	1.00	0.00
H									
HETATM	9135	H3	PRP	619	23.757	60.836	27.558	1.00	0.00
H									
HETATM	9136	C2	PRP	619	25.368	62.218	28.263	1.00	0.00
C									
HETATM	9137	H4	PRP	619	25.908	62.272	27.318	1.00	0.00
H									
HETATM	9138	O2	PRP	619	26.266	62.314	29.391	1.00	0.00
O									
HETATM	9139	H5	PRP	619	26.796	63.108	29.296	1.00	0.00
H									
HETATM	9140	C3	PRP	619	24.362	63.455	28.168	1.00	0.00
C									
HETATM	9141	H6	PRP	619	23.596	63.226	28.909	1.00	0.00
H									
HETATM	9142	H7	PRP	619	24.901	64.362	28.439	1.00	0.00
H									
HETATM	9143	H8	PRP	619	23.795	63.553	27.242	1.00	0.00
H									
HETATM	9144	O1	PRP	620	40.560	51.578	34.169	1.00	0.00
O									
HETATM	9145	H1	PRP	620	40.803	50.663	34.329	1.00	0.00
H									
HETATM	9146	C1	PRP	620	40.230	51.604	32.750	1.00	0.00
C									
HETATM	9147	H2	PRP	620	40.578	50.697	32.256	1.00	0.00
H									
HETATM	9148	H3	PRP	620	39.143	51.636	32.682	1.00	0.00
H									
HETATM	9149	C2	PRP	620	40.752	52.841	32.014	1.00	0.00
C									
HETATM	9150	H4	PRP	620	40.353	52.930	31.003	1.00	0.00
H									
HETATM	9151	O2	PRP	620	42.137	52.609	31.922	1.00	0.00
O									
HETATM	9152	H5	PRP	620	42.527	53.232	31.305	1.00	0.00
H									
HETATM	9153	C3	PRP	620	40.563	54.128	32.720	1.00	0.00
C									
HETATM	9154	H6	PRP	620	40.796	55.001	32.110	1.00	0.00
H									
HETATM	9155	H7	PRP	620	39.505	54.253	32.950	1.00	0.00
H									

HETATM	9156	H8	PRP	620	41.054	54.113	33.693	1.00	0.00
H									
HETATM	9157	O1	PRP	621	24.009	50.598	34.493	1.00	0.00
O									
HETATM	9158	H1	PRP	621	23.910	51.361	33.919	1.00	0.00
H									
HETATM	9159	C1	PRP	621	25.391	50.713	34.904	1.00	0.00
C									
HETATM	9160	H2	PRP	621	25.985	50.887	34.007	1.00	0.00
H									
HETATM	9161	H3	PRP	621	25.545	51.592	35.530	1.00	0.00
H									
HETATM	9162	C2	PRP	621	25.709	49.418	35.625	1.00	0.00
C									
HETATM	9163	H4	PRP	621	25.098	48.615	35.212	1.00	0.00
H									
HETATM	9164	O2	PRP	621	25.342	49.519	36.987	1.00	0.00
O									
HETATM	9165	H5	PRP	621	24.384	49.466	37.036	1.00	0.00
H									
HETATM	9166	C3	PRP	621	27.200	49.129	35.623	1.00	0.00
C									
HETATM	9167	H6	PRP	621	27.399	48.156	36.072	1.00	0.00
H									
HETATM	9168	H7	PRP	621	27.681	49.224	34.649	1.00	0.00
H									
HETATM	9169	H8	PRP	621	27.640	49.879	36.281	1.00	0.00
H									
HETATM	9170	O1	PRP	622	18.712	46.854	20.154	1.00	0.00
O									
HETATM	9171	H1	PRP	622	18.714	46.669	21.096	1.00	0.00
H									
HETATM	9172	C1	PRP	622	19.409	45.841	19.441	1.00	0.00
C									
HETATM	9173	H2	PRP	622	18.796	45.141	18.874	1.00	0.00
H									
HETATM	9174	H3	PRP	622	19.997	46.405	18.716	1.00	0.00
H									
HETATM	9175	C2	PRP	622	20.413	45.025	20.326	1.00	0.00
C									
HETATM	9176	H4	PRP	622	20.809	44.199	19.736	1.00	0.00
H									
HETATM	9177	O2	PRP	622	19.688	44.659	21.524	1.00	0.00
O									
HETATM	9178	H5	PRP	622	20.178	43.890	21.825	1.00	0.00
H									
HETATM	9179	C3	PRP	622	21.508	46.003	20.766	1.00	0.00
C									
HETATM	9180	H6	PRP	622	22.175	46.301	19.957	1.00	0.00
H									
HETATM	9181	H7	PRP	622	21.192	46.915	21.273	1.00	0.00
H									
HETATM	9182	H8	PRP	622	22.203	45.532	21.461	1.00	0.00
H									
HETATM	9183	O1	PRP	623	34.844	53.114	32.924	1.00	0.00
O									

HETATM	9184	H1	PRP	623	35.070	52.283	33.348	1.00	0.00
H									
HETATM	9185	C1	PRP	623	34.689	52.862	31.560	1.00	0.00
C									
HETATM	9186	H2	PRP	623	34.521	53.838	31.104	1.00	0.00
H									
HETATM	9187	H3	PRP	623	35.545	52.301	31.185	1.00	0.00
H									
HETATM	9188	C2	PRP	623	33.399	52.210	31.135	1.00	0.00
C									
HETATM	9189	H4	PRP	623	33.383	52.191	30.046	1.00	0.00
H									
HETATM	9190	O2	PRP	623	32.298	52.945	31.643	1.00	0.00
O									
HETATM	9191	H5	PRP	623	32.356	52.973	32.601	1.00	0.00
H									
HETATM	9192	C3	PRP	623	33.296	50.816	31.681	1.00	0.00
C									
HETATM	9193	H6	PRP	623	33.512	50.751	32.748	1.00	0.00
H									
HETATM	9194	H7	PRP	623	32.305	50.426	31.451	1.00	0.00
H									
HETATM	9195	H8	PRP	623	34.020	50.094	31.304	1.00	0.00
H									
HETATM	9196	O1	PRP	624	40.693	36.024	29.414	1.00	0.00
O									
HETATM	9197	H1	PRP	624	41.573	35.666	29.553	1.00	0.00
H									
HETATM	9198	C1	PRP	624	40.575	37.410	29.675	1.00	0.00
C									
HETATM	9199	H2	PRP	624	40.922	37.668	30.675	1.00	0.00
H									
HETATM	9200	H3	PRP	624	41.069	37.942	28.862	1.00	0.00
H									
HETATM	9201	C2	PRP	624	39.072	37.751	29.506	1.00	0.00
C									
HETATM	9202	H4	PRP	624	38.476	36.958	29.958	1.00	0.00
H									
HETATM	9203	O2	PRP	624	38.711	37.807	28.127	1.00	0.00
O									
HETATM	9204	H5	PRP	624	38.838	36.911	27.805	1.00	0.00
H									
HETATM	9205	C3	PRP	624	38.603	39.074	30.166	1.00	0.00
C									
HETATM	9206	H6	PRP	624	38.605	38.955	31.250	1.00	0.00
H									
HETATM	9207	H7	PRP	624	39.281	39.895	29.930	1.00	0.00
H									
HETATM	9208	H8	PRP	624	37.588	39.396	29.932	1.00	0.00
H									
HETATM	9209	O1	PRP	625	28.821	47.580	21.114	1.00	0.00
O									
HETATM	9210	H1	PRP	625	28.525	48.137	20.390	1.00	0.00
H									
HETATM	9211	C1	PRP	625	30.109	47.178	20.780	1.00	0.00
C									

HETATM	9212	H2	PRP	625	30.636	46.934	21.702	1.00	0.00
H									
HETATM	9213	H3	PRP	625	30.200	46.419	20.003	1.00	0.00
H									
HETATM	9214	C2	PRP	625	30.759	48.472	20.326	1.00	0.00
C									
HETATM	9215	H4	PRP	625	30.490	49.200	21.092	1.00	0.00
H									
HETATM	9216	O2	PRP	625	30.296	48.957	19.142	1.00	0.00
O									
HETATM	9217	H5	PRP	625	30.290	48.242	18.500	1.00	0.00
H									
HETATM	9218	C3	PRP	625	32.237	48.443	20.220	1.00	0.00
C									
HETATM	9219	H6	PRP	625	32.433	47.409	19.938	1.00	0.00
H									
HETATM	9220	H7	PRP	625	32.623	49.056	19.405	1.00	0.00
H									
HETATM	9221	H8	PRP	625	32.733	48.725	21.148	1.00	0.00
H									
HETATM	9222	O1	PRP	626	30.856	46.695	27.764	1.00	0.00
O									
HETATM	9223	H1	PRP	626	29.913	46.567	27.893	1.00	0.00
H									
HETATM	9224	C1	PRP	626	31.440	46.887	29.053	1.00	0.00
C									
HETATM	9225	H2	PRP	626	31.252	46.064	29.743	1.00	0.00
H									
HETATM	9226	H3	PRP	626	32.525	46.916	28.948	1.00	0.00
H									
HETATM	9227	C2	PRP	626	31.092	48.202	29.773	1.00	0.00
C									
HETATM	9228	H4	PRP	626	31.725	48.265	30.658	1.00	0.00
H									
HETATM	9229	O2	PRP	626	29.756	48.254	30.198	1.00	0.00
O									
HETATM	9230	H5	PRP	626	29.426	47.455	30.616	1.00	0.00
H									
HETATM	9231	C3	PRP	626	31.474	49.433	29.032	1.00	0.00
C									
HETATM	9232	H6	PRP	626	32.507	49.406	28.685	1.00	0.00
H									
HETATM	9233	H7	PRP	626	30.728	49.496	28.240	1.00	0.00
H									
HETATM	9234	H8	PRP	626	31.263	50.351	29.580	1.00	0.00
H									
HETATM	9235	O1	PRP	627	30.386	59.358	21.308	1.00	0.00
O									
HETATM	9236	H1	PRP	627	30.212	58.996	20.436	1.00	0.00
H									
HETATM	9237	C1	PRP	627	29.603	60.514	21.168	1.00	0.00
C									
HETATM	9238	H2	PRP	627	28.562	60.276	21.384	1.00	0.00
H									
HETATM	9239	H3	PRP	627	29.915	61.296	21.860	1.00	0.00
H									

HETATM	9240	C2	PRP	627	29.583	61.010	19.715	1.00	0.00
C									
HETATM	9241	H4	PRP	627	28.802	61.742	19.507	1.00	0.00
H									
HETATM	9242	O2	PRP	627	29.455	59.874	18.901	1.00	0.00
O									
HETATM	9243	H5	PRP	627	29.549	60.027	17.958	1.00	0.00
H									
HETATM	9244	C3	PRP	627	30.990	61.629	19.447	1.00	0.00
C									
HETATM	9245	H6	PRP	627	31.783	61.116	19.992	1.00	0.00
H									
HETATM	9246	H7	PRP	627	31.120	61.643	18.365	1.00	0.00
H									
HETATM	9247	H8	PRP	627	30.890	62.637	19.848	1.00	0.00
H									
HETATM	9248	O1	PRP	628	37.002	46.239	34.773	1.00	0.00
O									
HETATM	9249	H1	PRP	628	36.839	46.249	33.827	1.00	0.00
H									
HETATM	9250	C1	PRP	628	38.053	45.330	34.888	1.00	0.00
C									
HETATM	9251	H2	PRP	628	37.737	44.330	34.592	1.00	0.00
H									
HETATM	9252	H3	PRP	628	38.772	45.630	34.125	1.00	0.00
H									
HETATM	9253	C2	PRP	628	38.802	45.307	36.244	1.00	0.00
C									
HETATM	9254	H4	PRP	628	38.298	46.008	36.909	1.00	0.00
H									
HETATM	9255	O2	PRP	628	40.140	45.639	36.021	1.00	0.00
O									
HETATM	9256	H5	PRP	628	40.540	45.873	36.862	1.00	0.00
H									
HETATM	9257	C3	PRP	628	38.689	43.850	36.791	1.00	0.00
C									
HETATM	9258	H6	PRP	628	39.249	43.134	36.189	1.00	0.00
H									
HETATM	9259	H7	PRP	628	39.112	43.763	37.792	1.00	0.00
H									
HETATM	9260	H8	PRP	628	37.614	43.671	36.821	1.00	0.00
H									
HETATM	9261	O1	PRP	629	44.666	38.530	10.063	1.00	0.00
O									
HETATM	9262	H1	PRP	629	45.218	37.782	10.300	1.00	0.00
H									
HETATM	9263	C1	PRP	629	45.200	39.643	10.739	1.00	0.00
C									
HETATM	9264	H2	PRP	629	44.426	40.400	10.614	1.00	0.00
H									
HETATM	9265	H3	PRP	629	45.284	39.326	11.779	1.00	0.00
H									
HETATM	9266	C2	PRP	629	46.556	40.165	10.233	1.00	0.00
C									
HETATM	9267	H4	PRP	629	46.417	40.268	9.157	1.00	0.00
H									

HETATM	9268	O2	PRP	629	47.573	39.243	10.561	1.00	0.00
O									
HETATM	9269	H5	PRP	629	48.216	39.131	9.857	1.00	0.00
H									
HETATM	9270	C3	PRP	629	46.987	41.450	10.944	1.00	0.00
C									
HETATM	9271	H6	PRP	629	46.613	42.293	10.363	1.00	0.00
H									
HETATM	9272	H7	PRP	629	46.736	41.474	12.004	1.00	0.00
H									
HETATM	9273	H8	PRP	629	48.065	41.607	10.955	1.00	0.00
H									
HETATM	9274	O1	PRP	630	36.073	50.247	19.035	1.00	0.00
O									
HETATM	9275	H1	PRP	630	36.581	50.592	18.297	1.00	0.00
H									
HETATM	9276	C1	PRP	630	34.997	51.137	19.392	1.00	0.00
C									
HETATM	9277	H2	PRP	630	34.258	50.748	20.092	1.00	0.00
H									
HETATM	9278	H3	PRP	630	35.438	51.982	19.921	1.00	0.00
H									
HETATM	9279	C2	PRP	630	34.160	51.833	18.253	1.00	0.00
C									
HETATM	9280	H4	PRP	630	33.959	51.071	17.501	1.00	0.00
H									
HETATM	9281	O2	PRP	630	34.855	52.981	17.764	1.00	0.00
O									
HETATM	9282	H5	PRP	630	35.804	52.853	17.694	1.00	0.00
H									
HETATM	9283	C3	PRP	630	32.826	52.287	18.899	1.00	0.00
C									
HETATM	9284	H6	PRP	630	32.170	52.821	18.212	1.00	0.00
H									
HETATM	9285	H7	PRP	630	32.299	51.406	19.266	1.00	0.00
H									
HETATM	9286	H8	PRP	630	33.001	52.937	19.756	1.00	0.00
H									
HETATM	9287	O1	PRP	631	32.363	46.752	25.235	1.00	0.00
O									
HETATM	9288	H1	PRP	631	32.021	46.735	26.131	1.00	0.00
H									
HETATM	9289	C1	PRP	631	33.453	47.631	25.115	1.00	0.00
C									
HETATM	9290	H2	PRP	631	33.204	48.675	25.305	1.00	0.00
H									
HETATM	9291	H3	PRP	631	34.259	47.300	25.770	1.00	0.00
H									
HETATM	9292	C2	PRP	631	34.006	47.503	23.680	1.00	0.00
C									
HETATM	9293	H4	PRP	631	33.220	47.753	22.967	1.00	0.00
H									
HETATM	9294	O2	PRP	631	34.420	46.179	23.536	1.00	0.00
O									
HETATM	9295	H5	PRP	631	33.789	45.655	24.035	1.00	0.00
H									

HETATM	9296	C3	PRP	631	35.235	48.316	23.378	1.00	0.00
C									
HETATM	9297	H6	PRP	631	35.639	48.283	22.366	1.00	0.00
H									
HETATM	9298	H7	PRP	631	34.908	49.349	23.496	1.00	0.00
H									
HETATM	9299	H8	PRP	631	35.993	48.161	24.145	1.00	0.00
H									
HETATM	9300	O1	PRP	632	46.419	57.792	31.935	1.00	0.00
O									
HETATM	9301	H1	PRP	632	46.156	56.992	32.397	1.00	0.00
H									
HETATM	9302	C1	PRP	632	45.251	58.520	31.864	1.00	0.00
C									
HETATM	9303	H2	PRP	632	45.673	59.525	31.835	1.00	0.00
H									
HETATM	9304	H3	PRP	632	44.645	58.339	30.977	1.00	0.00
H									
HETATM	9305	C2	PRP	632	44.452	58.426	33.121	1.00	0.00
C									
HETATM	9306	H4	PRP	632	45.125	58.779	33.903	1.00	0.00
H									
HETATM	9307	O2	PRP	632	43.952	57.146	33.365	1.00	0.00
O									
HETATM	9308	H5	PRP	632	43.381	57.095	34.135	1.00	0.00
H									
HETATM	9309	C3	PRP	632	43.279	59.420	33.165	1.00	0.00
C									
HETATM	9310	H6	PRP	632	42.633	59.343	34.039	1.00	0.00
H									
HETATM	9311	H7	PRP	632	43.620	60.451	33.068	1.00	0.00
H									
HETATM	9312	H8	PRP	632	42.627	59.210	32.317	1.00	0.00
H									
HETATM	9313	O1	PRP	633	44.459	34.294	16.592	1.00	0.00
O									
HETATM	9314	H1	PRP	633	44.498	33.585	15.945	1.00	0.00
H									
HETATM	9315	C1	PRP	633	45.166	35.331	15.942	1.00	0.00
C									
HETATM	9316	H2	PRP	633	44.658	36.260	16.201	1.00	0.00
H									
HETATM	9317	H3	PRP	633	46.217	35.289	16.229	1.00	0.00
H									
HETATM	9318	C2	PRP	633	45.045	35.275	14.448	1.00	0.00
C									
HETATM	9319	H4	PRP	633	44.045	34.926	14.192	1.00	0.00
H									
HETATM	9320	O2	PRP	633	45.893	34.295	13.921	1.00	0.00
O									
HETATM	9321	H5	PRP	633	46.591	34.100	14.550	1.00	0.00
H									
HETATM	9322	C3	PRP	633	45.415	36.669	13.809	1.00	0.00
C									
HETATM	9323	H6	PRP	633	46.380	36.659	13.301	1.00	0.00
H									

HETATM	9324	H7	PRP	633	44.568	36.999	13.208	1.00	0.00
H									
HETATM	9325	H8	PRP	633	45.375	37.420	14.597	1.00	0.00
H									
HETATM	9326	O1	PRP	634	47.800	40.223	20.861	1.00	0.00
O									
HETATM	9327	H1	PRP	634	47.852	39.302	21.126	1.00	0.00
H									
HETATM	9328	C1	PRP	634	47.380	40.117	19.491	1.00	0.00
C									
HETATM	9329	H2	PRP	634	46.845	40.982	19.097	1.00	0.00
H									
HETATM	9330	H3	PRP	634	48.178	39.762	18.839	1.00	0.00
H									
HETATM	9331	C2	PRP	634	46.441	38.923	19.791	1.00	0.00
C									
HETATM	9332	H4	PRP	634	45.688	39.185	20.535	1.00	0.00
H									
HETATM	9333	O2	PRP	634	47.162	37.828	20.374	1.00	0.00
O									
HETATM	9334	H5	PRP	634	46.567	37.075	20.406	1.00	0.00
H									
HETATM	9335	C3	PRP	634	45.666	38.559	18.609	1.00	0.00
C									
HETATM	9336	H6	PRP	634	45.063	37.655	18.701	1.00	0.00
H									
HETATM	9337	H7	PRP	634	45.049	39.348	18.179	1.00	0.00
H									
HETATM	9338	H8	PRP	634	46.345	38.308	17.794	1.00	0.00
H									
HETATM	9339	O1	PRP	635	29.817	46.231	14.313	1.00	0.00
O									
HETATM	9340	H1	PRP	635	29.393	45.375	14.217	1.00	0.00
H									
HETATM	9341	C1	PRP	635	29.784	46.804	15.614	1.00	0.00
C									
HETATM	9342	H2	PRP	635	29.158	47.692	15.692	1.00	0.00
H									
HETATM	9343	H3	PRP	635	29.269	46.112	16.280	1.00	0.00
H									
HETATM	9344	C2	PRP	635	31.191	47.095	16.002	1.00	0.00
C									
HETATM	9345	H4	PRP	635	31.737	46.330	15.450	1.00	0.00
H									
HETATM	9346	O2	PRP	635	31.311	46.884	17.428	1.00	0.00
O									
HETATM	9347	H5	PRP	635	32.105	46.366	17.580	1.00	0.00
H									
HETATM	9348	C3	PRP	635	31.591	48.565	15.632	1.00	0.00
C									
HETATM	9349	H6	PRP	635	31.573	48.771	14.562	1.00	0.00
H									
HETATM	9350	H7	PRP	635	30.910	49.265	16.118	1.00	0.00
H									
HETATM	9351	H8	PRP	635	32.614	48.724	15.973	1.00	0.00
H									

HETATM	9352	O1	PRP	636	38.265	45.348	25.957	1.00	0.00
O									
HETATM	9353	H1	PRP	636	38.466	44.439	25.725	1.00	0.00
H									
HETATM	9354	C1	PRP	636	37.792	45.959	24.672	1.00	0.00
C									
HETATM	9355	H2	PRP	636	36.915	45.389	24.364	1.00	0.00
H									
HETATM	9356	H3	PRP	636	37.574	47.016	24.820	1.00	0.00
H									
HETATM	9357	C2	PRP	636	38.875	45.910	23.588	1.00	0.00
C									
HETATM	9358	H4	PRP	636	39.285	44.903	23.665	1.00	0.00
H									
HETATM	9359	O2	PRP	636	39.862	46.920	23.755	1.00	0.00
O									
HETATM	9360	H5	PRP	636	40.375	46.520	24.461	1.00	0.00
H									
HETATM	9361	C3	PRP	636	38.250	46.096	22.273	1.00	0.00
C									
HETATM	9362	H6	PRP	636	37.482	45.322	22.269	1.00	0.00
H									
HETATM	9363	H7	PRP	636	37.785	47.071	22.126	1.00	0.00
H									
HETATM	9364	H8	PRP	636	38.972	45.971	21.466	1.00	0.00
H									
HETATM	9365	O1	PRP	637	48.209	25.861	19.976	1.00	0.00
O									
HETATM	9366	H1	PRP	637	48.965	25.753	20.558	1.00	0.00
H									
HETATM	9367	C1	PRP	637	47.600	27.061	20.070	1.00	0.00
C									
HETATM	9368	H2	PRP	637	46.564	26.826	19.826	1.00	0.00
H									
HETATM	9369	H3	PRP	637	47.690	27.404	21.100	1.00	0.00
H									
HETATM	9370	C2	PRP	637	48.056	28.070	19.064	1.00	0.00
C									
HETATM	9371	H4	PRP	637	48.313	27.626	18.102	1.00	0.00
H									
HETATM	9372	O2	PRP	637	49.238	28.718	19.470	1.00	0.00
O									
HETATM	9373	H5	PRP	637	49.400	28.397	20.360	1.00	0.00
H									
HETATM	9374	C3	PRP	637	47.026	29.118	18.700	1.00	0.00
C									
HETATM	9375	H6	PRP	637	46.811	29.850	19.479	1.00	0.00
H									
HETATM	9376	H7	PRP	637	47.466	29.805	17.976	1.00	0.00
H									
HETATM	9377	H8	PRP	637	46.076	28.716	18.350	1.00	0.00
H									
HETATM	9378	O1	PRP	638	46.367	47.192	25.616	1.00	0.00
O									
HETATM	9379	H1	PRP	638	45.953	46.520	25.069	1.00	0.00
H									

HETATM	9380	C1	PRP	638	45.738	47.197	26.869	1.00	0.00
C									
HETATM	9381	H2	PRP	638	46.208	47.952	27.499	1.00	0.00
H									
HETATM	9382	H3	PRP	638	44.693	47.485	26.761	1.00	0.00
H									
HETATM	9383	C2	PRP	638	45.826	45.844	27.578	1.00	0.00
C									
HETATM	9384	H4	PRP	638	46.831	45.426	27.525	1.00	0.00
H									
HETATM	9385	O2	PRP	638	44.904	44.912	27.109	1.00	0.00
O									
HETATM	9386	H5	PRP	638	45.154	44.666	26.215	1.00	0.00
H									
HETATM	9387	C3	PRP	638	45.551	46.239	29.061	1.00	0.00
C									
HETATM	9388	H6	PRP	638	44.635	46.819	29.171	1.00	0.00
H									
HETATM	9389	H7	PRP	638	45.461	45.317	29.636	1.00	0.00
H									
HETATM	9390	H8	PRP	638	46.381	46.798	29.494	1.00	0.00
H									
HETATM	9391	O1	PRP	639	14.473	50.387	22.048	1.00	0.00
O									
HETATM	9392	H1	PRP	639	13.924	49.993	22.730	1.00	0.00
H									
HETATM	9393	C1	PRP	639	14.725	49.496	21.030	1.00	0.00
C									
HETATM	9394	H2	PRP	639	15.524	48.789	21.254	1.00	0.00
H									
HETATM	9395	H3	PRP	639	13.824	48.931	20.790	1.00	0.00
H									
HETATM	9396	C2	PRP	639	14.925	50.216	19.656	1.00	0.00
C									
HETATM	9397	H4	PRP	639	15.525	51.120	19.763	1.00	0.00
H									
HETATM	9398	O2	PRP	639	13.664	50.483	18.987	1.00	0.00
O									
HETATM	9399	H5	PRP	639	13.088	50.793	19.689	1.00	0.00
H									
HETATM	9400	C3	PRP	639	15.640	49.108	18.783	1.00	0.00
C									
HETATM	9401	H6	PRP	639	16.717	49.030	18.929	1.00	0.00
H									
HETATM	9402	H7	PRP	639	15.249	48.121	19.030	1.00	0.00
H									
HETATM	9403	H8	PRP	639	15.369	49.360	17.757	1.00	0.00
H									
HETATM	9404	O1	PRP	640	13.180	54.714	23.627	1.00	0.00
O									
HETATM	9405	H1	PRP	640	13.847	55.320	23.958	1.00	0.00
H									
HETATM	9406	C1	PRP	640	13.357	54.839	22.274	1.00	0.00
C									
HETATM	9407	H2	PRP	640	12.435	54.472	21.824	1.00	0.00
H									

HETATM	9408	H3	PRP	640	13.485	55.892	22.022	1.00	0.00
H									
HETATM	9409	C2	PRP	640	14.557	54.012	21.827	1.00	0.00
C									
HETATM	9410	H4	PRP	640	14.573	53.021	22.279	1.00	0.00
H									
HETATM	9411	O2	PRP	640	15.755	54.709	22.230	1.00	0.00
O									
HETATM	9412	H5	PRP	640	16.551	54.276	21.913	1.00	0.00
H									
HETATM	9413	C3	PRP	640	14.600	53.921	20.286	1.00	0.00
C									
HETATM	9414	H6	PRP	640	15.524	53.474	19.919	1.00	0.00
H									
HETATM	9415	H7	PRP	640	13.795	53.268	19.947	1.00	0.00
H									
HETATM	9416	H8	PRP	640	14.557	54.900	19.810	1.00	0.00
H									
HETATM	9417	O1	PRP	641	18.380	54.980	27.821	1.00	0.00
O									
HETATM	9418	H1	PRP	641	17.816	54.993	28.598	1.00	0.00
H									
HETATM	9419	C1	PRP	641	19.414	55.981	27.960	1.00	0.00
C									
HETATM	9420	H2	PRP	641	18.892	56.822	28.418	1.00	0.00
H									
HETATM	9421	H3	PRP	641	20.170	55.541	28.611	1.00	0.00
H									
HETATM	9422	C2	PRP	641	20.018	56.319	26.622	1.00	0.00
C									
HETATM	9423	H4	PRP	641	20.681	57.180	26.714	1.00	0.00
H									
HETATM	9424	O2	PRP	641	18.952	56.698	25.820	1.00	0.00
O									
HETATM	9425	H5	PRP	641	18.271	56.030	25.933	1.00	0.00
H									
HETATM	9426	C3	PRP	641	20.872	55.248	25.896	1.00	0.00
C									
HETATM	9427	H6	PRP	641	20.326	54.305	25.932	1.00	0.00
H									
HETATM	9428	H7	PRP	641	21.138	55.533	24.878	1.00	0.00
H									
HETATM	9429	H8	PRP	641	21.784	55.006	26.441	1.00	0.00
H									
HETATM	9430	O1	PRP	642	40.345	61.916	11.870	1.00	0.00
O									
HETATM	9431	H1	PRP	642	40.997	61.736	11.190	1.00	0.00
H									
HETATM	9432	C1	PRP	642	39.636	63.041	11.445	1.00	0.00
C									
HETATM	9433	H2	PRP	642	40.287	63.828	11.063	1.00	0.00
H									
HETATM	9434	H3	PRP	642	38.887	62.767	10.702	1.00	0.00
H									
HETATM	9435	C2	PRP	642	38.968	63.666	12.690	1.00	0.00
C									

HETATM	9436	H4	PRP	642	38.674	64.670	12.383	1.00	0.00
H									
HETATM	9437	O2	PRP	642	39.894	63.785	13.693	1.00	0.00
O									
HETATM	9438	H5	PRP	642	40.590	63.185	13.416	1.00	0.00
H									
HETATM	9439	C3	PRP	642	37.721	62.949	13.059	1.00	0.00
C									
HETATM	9440	H6	PRP	642	37.700	62.508	14.056	1.00	0.00
H									
HETATM	9441	H7	PRP	642	37.007	63.736	13.304	1.00	0.00
H									
HETATM	9442	H8	PRP	642	37.340	62.223	12.341	1.00	0.00
H									
HETATM	9443	O1	PRP	643	4.020	49.054	14.204	1.00	0.00
O									
HETATM	9444	H1	PRP	643	3.698	49.912	14.491	1.00	0.00
H									
HETATM	9445	C1	PRP	643	3.380	48.149	15.066	1.00	0.00
C									
HETATM	9446	H2	PRP	643	2.413	48.094	14.567	1.00	0.00
H									
HETATM	9447	H3	PRP	643	3.916	47.206	15.175	1.00	0.00
H									
HETATM	9448	C2	PRP	643	3.177	48.695	16.480	1.00	0.00
C									
HETATM	9449	H4	PRP	643	2.675	47.899	17.031	1.00	0.00
H									
HETATM	9450	O2	PRP	643	2.404	49.830	16.534	1.00	0.00
O									
HETATM	9451	H5	PRP	643	1.511	49.516	16.696	1.00	0.00
H									
HETATM	9452	C3	PRP	643	4.461	48.779	17.266	1.00	0.00
C									
HETATM	9453	H6	PRP	643	4.289	49.402	18.144	1.00	0.00
H									
HETATM	9454	H7	PRP	643	4.840	47.769	17.425	1.00	0.00
H									
HETATM	9455	H8	PRP	643	5.262	49.127	16.614	1.00	0.00
H									
HETATM	9456	O1	PRP	644	26.391	47.641	11.632	1.00	0.00
O									
HETATM	9457	H1	PRP	644	26.199	48.233	10.901	1.00	0.00
H									
HETATM	9458	C1	PRP	644	25.314	47.063	12.285	1.00	0.00
C									
HETATM	9459	H2	PRP	644	25.517	46.036	12.588	1.00	0.00
H									
HETATM	9460	H3	PRP	644	25.040	47.652	13.161	1.00	0.00
H									
HETATM	9461	C2	PRP	644	24.071	46.942	11.300	1.00	0.00
C									
HETATM	9462	H4	PRP	644	24.405	46.934	10.262	1.00	0.00
H									
HETATM	9463	O2	PRP	644	23.228	48.072	11.507	1.00	0.00
O									

HETATM	9464	H5	PRP	644	23.703	48.738	11.004	1.00	0.00
H									
HETATM	9465	C3	PRP	644	23.164	45.699	11.510	1.00	0.00
C									
HETATM	9466	H6	PRP	644	22.432	45.687	10.702	1.00	0.00
H									
HETATM	9467	H7	PRP	644	23.763	44.797	11.384	1.00	0.00
H									
HETATM	9468	H8	PRP	644	22.730	45.651	12.508	1.00	0.00
H									
HETATM	9469	O1	PRP	645	20.992	49.464	22.967	1.00	0.00
O									
HETATM	9470	H1	PRP	645	21.063	49.792	22.067	1.00	0.00
H									
HETATM	9471	C1	PRP	645	19.660	49.876	23.350	1.00	0.00
C									
HETATM	9472	H2	PRP	645	19.149	49.170	24.004	1.00	0.00
H									
HETATM	9473	H3	PRP	645	19.843	50.706	24.033	1.00	0.00
H									
HETATM	9474	C2	PRP	645	18.790	50.317	22.152	1.00	0.00
C									
HETATM	9475	H4	PRP	645	18.454	49.402	21.664	1.00	0.00
H									
HETATM	9476	O2	PRP	645	19.731	51.045	21.299	1.00	0.00
O									
HETATM	9477	H5	PRP	645	19.544	50.884	20.372	1.00	0.00
H									
HETATM	9478	C3	PRP	645	17.478	51.149	22.471	1.00	0.00
C									
HETATM	9479	H6	PRP	645	16.937	51.375	21.552	1.00	0.00
H									
HETATM	9480	H7	PRP	645	16.801	50.590	23.117	1.00	0.00
H									
HETATM	9481	H8	PRP	645	17.737	52.030	23.058	1.00	0.00
H									
HETATM	9482	O1	PRP	646	35.785	51.369	28.339	1.00	0.00
O									
HETATM	9483	H1	PRP	646	35.367	52.232	28.387	1.00	0.00
H									
HETATM	9484	C1	PRP	646	37.133	51.515	27.995	1.00	0.00
C									
HETATM	9485	H2	PRP	646	37.237	51.081	27.001	1.00	0.00
H									
HETATM	9486	H3	PRP	646	37.358	52.582	27.972	1.00	0.00
H									
HETATM	9487	C2	PRP	646	38.057	50.810	29.080	1.00	0.00
C									
HETATM	9488	H4	PRP	646	37.803	49.761	29.235	1.00	0.00
H									
HETATM	9489	O2	PRP	646	37.968	51.409	30.345	1.00	0.00
O									
HETATM	9490	H5	PRP	646	37.043	51.289	30.572	1.00	0.00
H									
HETATM	9491	C3	PRP	646	39.523	51.012	28.526	1.00	0.00
C									

HETATM	9492	H6	PRP	646	39.567	52.044	28.180	1.00	0.00
H									
HETATM	9493	H7	PRP	646	40.318	50.978	29.272	1.00	0.00
H									
HETATM	9494	H8	PRP	646	39.699	50.466	27.599	1.00	0.00
H									
HETATM	9495	O1	PRP	647	27.001	58.268	19.992	1.00	0.00
O									
HETATM	9496	H1	PRP	647	27.958	58.225	19.923	1.00	0.00
H									
HETATM	9497	C1	PRP	647	26.655	56.894	19.971	1.00	0.00
C									
HETATM	9498	H2	PRP	647	26.105	56.575	20.855	1.00	0.00
H									
HETATM	9499	H3	PRP	647	25.925	56.656	19.197	1.00	0.00
H									
HETATM	9500	C2	PRP	647	27.855	56.039	19.624	1.00	0.00
C									
HETATM	9501	H4	PRP	647	27.689	54.992	19.875	1.00	0.00
H									
HETATM	9502	O2	PRP	647	28.953	56.419	20.499	1.00	0.00
O									
HETATM	9503	H5	PRP	647	28.695	56.160	21.386	1.00	0.00
H									
HETATM	9504	C3	PRP	647	28.365	56.086	18.173	1.00	0.00
C									
HETATM	9505	H6	PRP	647	29.038	55.259	17.946	1.00	0.00
H									
HETATM	9506	H7	PRP	647	27.541	56.003	17.464	1.00	0.00
H									
HETATM	9507	H8	PRP	647	28.884	57.043	18.125	1.00	0.00
H									
HETATM	9508	O1	PRP	648	23.662	54.467	21.610	1.00	0.00
O									
HETATM	9509	H1	PRP	648	23.435	54.964	20.821	1.00	0.00
H									
HETATM	9510	C1	PRP	648	24.248	53.179	21.248	1.00	0.00
C									
HETATM	9511	H2	PRP	648	24.411	53.169	20.170	1.00	0.00
H									
HETATM	9512	H3	PRP	648	25.243	53.161	21.693	1.00	0.00
H									
HETATM	9513	C2	PRP	648	23.510	51.970	21.785	1.00	0.00
C									
HETATM	9514	H4	PRP	648	24.309	51.245	21.942	1.00	0.00
H									
HETATM	9515	O2	PRP	648	22.585	51.459	20.915	1.00	0.00
O									
HETATM	9516	H5	PRP	648	21.699	51.619	21.249	1.00	0.00
H									
HETATM	9517	C3	PRP	648	23.005	52.303	23.181	1.00	0.00
C									
HETATM	9518	H6	PRP	648	22.825	51.326	23.629	1.00	0.00
H									
HETATM	9519	H7	PRP	648	23.808	52.833	23.695	1.00	0.00
H									

HETATM	9520	H8	PRP	648	22.048	52.823	23.158	1.00	0.00
H									
HETATM	9521	O1	PRP	649	28.587	57.011	11.866	1.00	0.00
O									
HETATM	9522	H1	PRP	649	29.157	56.240	11.908	1.00	0.00
H									
HETATM	9523	C1	PRP	649	27.337	56.597	12.373	1.00	0.00
C									
HETATM	9524	H2	PRP	649	26.609	57.350	12.070	1.00	0.00
H									
HETATM	9525	H3	PRP	649	26.957	55.732	11.830	1.00	0.00
H									
HETATM	9526	C2	PRP	649	27.320	56.448	13.929	1.00	0.00
C									
HETATM	9527	H4	PRP	649	28.052	57.180	14.271	1.00	0.00
H									
HETATM	9528	O2	PRP	649	27.891	55.155	14.258	1.00	0.00
O									
HETATM	9529	H5	PRP	649	28.362	55.197	15.094	1.00	0.00
H									
HETATM	9530	C3	PRP	649	25.964	56.473	14.523	1.00	0.00
C									
HETATM	9531	H6	PRP	649	26.077	56.628	15.596	1.00	0.00
H									
HETATM	9532	H7	PRP	649	25.611	57.398	14.067	1.00	0.00
H									
HETATM	9533	H8	PRP	649	25.468	55.517	14.354	1.00	0.00
H									
HETATM	9534	O1	PRP	650	22.825	53.229	18.075	1.00	0.00
O									
HETATM	9535	H1	PRP	650	23.724	52.906	17.977	1.00	0.00
H									
HETATM	9536	C1	PRP	650	22.541	54.246	17.223	1.00	0.00
C									
HETATM	9537	H2	PRP	650	22.861	53.961	16.221	1.00	0.00
H									
HETATM	9538	H3	PRP	650	21.458	54.352	17.161	1.00	0.00
H									
HETATM	9539	C2	PRP	650	23.271	55.511	17.670	1.00	0.00
C									
HETATM	9540	H4	PRP	650	24.319	55.267	17.497	1.00	0.00
H									
HETATM	9541	O2	PRP	650	23.076	55.916	19.005	1.00	0.00
O									
HETATM	9542	H5	PRP	650	22.147	56.057	19.203	1.00	0.00
H									
HETATM	9543	C3	PRP	650	22.779	56.554	16.643	1.00	0.00
C									
HETATM	9544	H6	PRP	650	23.478	57.389	16.689	1.00	0.00
H									
HETATM	9545	H7	PRP	650	22.797	56.191	15.616	1.00	0.00
H									
HETATM	9546	H8	PRP	650	21.745	56.852	16.823	1.00	0.00
H									
HETATM	9547	O1	PRP	651	24.504	34.470	19.533	1.00	0.00
O									

HETATM	9548	H1	PRP	651	23.982	34.810	20.263	1.00	0.00
H									
HETATM	9549	C1	PRP	651	25.853	34.882	19.806	1.00	0.00
C									
HETATM	9550	H2	PRP	651	26.398	35.001	18.870	1.00	0.00
H									
HETATM	9551	H3	PRP	651	25.833	35.836	20.333	1.00	0.00
H									
HETATM	9552	C2	PRP	651	26.433	33.785	20.746	1.00	0.00
C									
HETATM	9553	H4	PRP	651	26.123	32.820	20.344	1.00	0.00
H									
HETATM	9554	O2	PRP	651	25.858	33.948	22.002	1.00	0.00
O									
HETATM	9555	H5	PRP	651	26.236	33.292	22.593	1.00	0.00
H									
HETATM	9556	C3	PRP	651	27.928	34.015	20.763	1.00	0.00
C									
HETATM	9557	H6	PRP	651	28.357	33.955	19.762	1.00	0.00
H									
HETATM	9558	H7	PRP	651	28.091	34.918	21.351	1.00	0.00
H									
HETATM	9559	H8	PRP	651	28.368	33.193	21.328	1.00	0.00
H									
HETATM	9560	O1	PRP	652	25.350	49.077	23.078	1.00	0.00
O									
HETATM	9561	H1	PRP	652	24.948	49.701	23.687	1.00	0.00
H									
HETATM	9562	C1	PRP	652	24.709	47.838	23.357	1.00	0.00
C									
HETATM	9563	H2	PRP	652	24.510	47.791	24.427	1.00	0.00
H									
HETATM	9564	H3	PRP	652	23.778	47.841	22.789	1.00	0.00
H									
HETATM	9565	C2	PRP	652	25.637	46.678	23.057	1.00	0.00
C									
HETATM	9566	H4	PRP	652	26.517	46.909	23.658	1.00	0.00
H									
HETATM	9567	O2	PRP	652	25.889	46.816	21.678	1.00	0.00
O									
HETATM	9568	H5	PRP	652	26.267	47.678	21.489	1.00	0.00
H									
HETATM	9569	C3	PRP	652	25.137	45.255	23.343	1.00	0.00
C									
HETATM	9570	H6	PRP	652	26.003	44.595	23.375	1.00	0.00
H									
HETATM	9571	H7	PRP	652	24.707	45.209	24.344	1.00	0.00
H									
HETATM	9572	H8	PRP	652	24.423	44.937	22.583	1.00	0.00
H									
HETATM	9573	O1	PRP	653	34.566	46.519	14.607	1.00	0.00
O									
HETATM	9574	H1	PRP	653	35.512	46.441	14.467	1.00	0.00
H									
HETATM	9575	C1	PRP	653	33.835	45.640	13.679	1.00	0.00
C									

HETATM	9576	H2	PRP	653	32.800	45.977	13.623	1.00	0.00
H									
HETATM	9577	H3	PRP	653	34.264	45.588	12.678	1.00	0.00
H									
HETATM	9578	C2	PRP	653	33.838	44.214	14.333	1.00	0.00
C									
HETATM	9579	H4	PRP	653	33.472	44.258	15.359	1.00	0.00
H									
HETATM	9580	O2	PRP	653	35.228	43.753	14.369	1.00	0.00
O									
HETATM	9581	H5	PRP	653	35.786	44.463	14.695	1.00	0.00
H									
HETATM	9582	C3	PRP	653	32.990	43.260	13.586	1.00	0.00
C									
HETATM	9583	H6	PRP	653	31.927	43.497	13.637	1.00	0.00
H									
HETATM	9584	H7	PRP	653	33.255	43.341	12.532	1.00	0.00
H									
HETATM	9585	H8	PRP	653	33.076	42.245	13.974	1.00	0.00
H									
HETATM	9586	O1	PRP	654	40.167	53.518	25.002	1.00	0.00
O									
HETATM	9587	H1	PRP	654	40.846	53.465	25.678	1.00	0.00
H									
HETATM	9588	C1	PRP	654	40.032	54.839	24.635	1.00	0.00
C									
HETATM	9589	H2	PRP	654	39.082	54.803	24.102	1.00	0.00
H									
HETATM	9590	H3	PRP	654	39.921	55.474	25.513	1.00	0.00
H									
HETATM	9591	C2	PRP	654	41.219	55.233	23.752	1.00	0.00
C									
HETATM	9592	H4	PRP	654	41.371	54.438	23.022	1.00	0.00
H									
HETATM	9593	O2	PRP	654	42.468	55.346	24.455	1.00	0.00
O									
HETATM	9594	H5	PRP	654	42.461	55.881	25.252	1.00	0.00
H									
HETATM	9595	C3	PRP	654	41.041	56.510	22.971	1.00	0.00
C									
HETATM	9596	H6	PRP	654	39.971	56.630	22.802	1.00	0.00
H									
HETATM	9597	H7	PRP	654	41.480	57.325	23.547	1.00	0.00
H									
HETATM	9598	H8	PRP	654	41.622	56.429	22.052	1.00	0.00
H									
HETATM	9599	O1	PRP	655	25.334	52.587	17.365	1.00	0.00
O									
HETATM	9600	H1	PRP	655	25.457	51.643	17.485	1.00	0.00
H									
HETATM	9601	C1	PRP	655	25.668	52.903	15.978	1.00	0.00
C									
HETATM	9602	H2	PRP	655	24.834	52.545	15.376	1.00	0.00
H									
HETATM	9603	H3	PRP	655	25.823	53.977	15.877	1.00	0.00
H									

HETATM	9604	C2	PRP	655	26.938	52.127	15.570	1.00	0.00
C									
HETATM	9605	H4	PRP	655	27.011	52.281	14.493	1.00	0.00
H									
HETATM	9606	O2	PRP	655	26.676	50.764	15.895	1.00	0.00
O									
HETATM	9607	H5	PRP	655	26.901	50.102	15.238	1.00	0.00
H									
HETATM	9608	C3	PRP	655	28.091	52.589	16.323	1.00	0.00
C									
HETATM	9609	H6	PRP	655	28.022	52.311	17.375	1.00	0.00
H									
HETATM	9610	H7	PRP	655	28.964	52.085	15.910	1.00	0.00
H									
HETATM	9611	H8	PRP	655	28.132	53.678	16.306	1.00	0.00
H									
HETATM	9612	O1	PRP	656	51.564	43.587	11.148	1.00	0.00
O									
HETATM	9613	H1	PRP	656	51.863	43.004	11.850	1.00	0.00
H									
HETATM	9614	C1	PRP	656	51.133	44.772	11.699	1.00	0.00
C									
HETATM	9615	H2	PRP	656	52.006	45.247	12.145	1.00	0.00
H									
HETATM	9616	H3	PRP	656	50.651	45.334	10.899	1.00	0.00
H									
HETATM	9617	C2	PRP	656	50.052	44.633	12.825	1.00	0.00
C									
HETATM	9618	H4	PRP	656	49.915	45.634	13.234	1.00	0.00
H									
HETATM	9619	O2	PRP	656	50.321	43.739	13.847	1.00	0.00
O									
HETATM	9620	H5	PRP	656	51.052	44.127	14.335	1.00	0.00
H									
HETATM	9621	C3	PRP	656	48.738	44.314	12.109	1.00	0.00
C									
HETATM	9622	H6	PRP	656	48.810	43.800	11.151	1.00	0.00
H									
HETATM	9623	H7	PRP	656	48.131	43.724	12.796	1.00	0.00
H									
HETATM	9624	H8	PRP	656	48.285	45.263	11.823	1.00	0.00
H									
HETATM	9625	O1	PRP	657	35.787	40.970	28.792	1.00	0.00
O									
HETATM	9626	H1	PRP	657	36.449	40.938	28.098	1.00	0.00
H									
HETATM	9627	C1	PRP	657	34.639	41.301	27.965	1.00	0.00
C									
HETATM	9628	H2	PRP	657	34.027	40.407	27.844	1.00	0.00
H									
HETATM	9629	H3	PRP	657	34.038	41.959	28.591	1.00	0.00
H									
HETATM	9630	C2	PRP	657	35.076	42.058	26.649	1.00	0.00
C									
HETATM	9631	H4	PRP	657	34.265	42.175	25.931	1.00	0.00
H									

HETATM	9632	O2	PRP	657	36.055	41.161	26.040	1.00	0.00
O									
HETATM	9633	H5	PRP	657	35.973	41.304	25.095	1.00	0.00
H									
HETATM	9634	C3	PRP	657	35.787	43.370	27.043	1.00	0.00
C									
HETATM	9635	H6	PRP	657	36.835	43.272	27.328	1.00	0.00
H									
HETATM	9636	H7	PRP	657	35.875	43.876	26.082	1.00	0.00
H									
HETATM	9637	H8	PRP	657	35.189	43.872	27.804	1.00	0.00
H									
HETATM	9638	O1	PRP	658	45.160	52.849	24.795	1.00	0.00
O									
HETATM	9639	H1	PRP	658	46.098	52.958	24.623	1.00	0.00
H									
HETATM	9640	C1	PRP	658	44.966	52.140	26.038	1.00	0.00
C									
HETATM	9641	H2	PRP	658	45.484	51.192	25.899	1.00	0.00
H									
HETATM	9642	H3	PRP	658	45.457	52.654	26.864	1.00	0.00
H									
HETATM	9643	C2	PRP	658	43.475	51.908	26.281	1.00	0.00
C									
HETATM	9644	H4	PRP	658	43.134	51.419	25.368	1.00	0.00
H									
HETATM	9645	O2	PRP	658	42.884	53.193	26.412	1.00	0.00
O									
HETATM	9646	H5	PRP	658	43.137	53.754	25.674	1.00	0.00
H									
HETATM	9647	C3	PRP	658	43.081	50.967	27.378	1.00	0.00
C									
HETATM	9648	H6	PRP	658	42.158	50.485	27.055	1.00	0.00
H									
HETATM	9649	H7	PRP	658	43.781	50.132	27.384	1.00	0.00
H									
HETATM	9650	H8	PRP	658	43.094	51.541	28.305	1.00	0.00
H									
HETATM	9651	O1	PRP	659	36.188	47.061	18.730	1.00	0.00
O									
HETATM	9652	H1	PRP	659	36.126	48.006	18.891	1.00	0.00
H									
HETATM	9653	C1	PRP	659	35.290	46.409	19.601	1.00	0.00
C									
HETATM	9654	H2	PRP	659	35.762	46.007	20.498	1.00	0.00
H									
HETATM	9655	H3	PRP	659	34.531	47.109	19.951	1.00	0.00
H									
HETATM	9656	C2	PRP	659	34.679	45.221	18.932	1.00	0.00
C									
HETATM	9657	H4	PRP	659	35.444	44.530	18.577	1.00	0.00
H									
HETATM	9658	O2	PRP	659	34.045	45.693	17.751	1.00	0.00
O									
HETATM	9659	H5	PRP	659	34.686	46.120	17.178	1.00	0.00
H									

HETATM	9660	C3	PRP	659	33.681	44.517	19.913	1.00	0.00
C									
HETATM	9661	H6	PRP	659	32.865	45.235	19.986	1.00	0.00
H									
HETATM	9662	H7	PRP	659	33.290	43.615	19.442	1.00	0.00
H									
HETATM	9663	H8	PRP	659	34.045	44.322	20.922	1.00	0.00
H									
HETATM	9664	O1	PRP	660	43.302	41.609	-0.423	1.00	0.00
O									
HETATM	9665	H1	PRP	660	43.486	40.671	-0.341	1.00	0.00
H									
HETATM	9666	C1	PRP	660	44.531	42.303	-0.721	1.00	0.00
C									
HETATM	9667	H2	PRP	660	45.329	41.942	-0.072	1.00	0.00
H									
HETATM	9668	H3	PRP	660	44.958	41.951	-1.660	1.00	0.00
H									
HETATM	9669	C2	PRP	660	44.356	43.830	-0.652	1.00	0.00
C									
HETATM	9670	H4	PRP	660	44.071	44.129	0.357	1.00	0.00
H									
HETATM	9671	O2	PRP	660	43.394	44.165	-1.594	1.00	0.00
O									
HETATM	9672	H5	PRP	660	42.622	43.637	-1.374	1.00	0.00
H									
HETATM	9673	C3	PRP	660	45.532	44.605	-1.000	1.00	0.00
C									
HETATM	9674	H6	PRP	660	45.338	45.677	-0.978	1.00	0.00
H									
HETATM	9675	H7	PRP	660	46.411	44.438	-0.378	1.00	0.00
H									
HETATM	9676	H8	PRP	660	45.883	44.262	-1.974	1.00	0.00
H									
HETATM	9677	O1	PRP	661	47.242	44.054	22.308	1.00	0.00
O									
HETATM	9678	H1	PRP	661	47.734	43.413	22.827	1.00	0.00
H									
HETATM	9679	C1	PRP	661	47.710	44.083	21.001	1.00	0.00
C									
HETATM	9680	H2	PRP	661	46.992	43.518	20.408	1.00	0.00
H									
HETATM	9681	H3	PRP	661	47.625	45.146	20.774	1.00	0.00
H									
HETATM	9682	C2	PRP	661	49.240	43.615	20.825	1.00	0.00
C									
HETATM	9683	H4	PRP	661	49.357	43.480	19.750	1.00	0.00
H									
HETATM	9684	O2	PRP	661	49.402	42.359	21.557	1.00	0.00
O									
HETATM	9685	H5	PRP	661	48.628	41.874	21.261	1.00	0.00
H									
HETATM	9686	C3	PRP	661	50.130	44.702	21.349	1.00	0.00
C									
HETATM	9687	H6	PRP	661	50.175	45.453	20.559	1.00	0.00
H									

HETATM	9688	H7	PRP	661	49.704	45.236	22.198	1.00	0.00
H									
HETATM	9689	H8	PRP	661	51.091	44.227	21.545	1.00	0.00
H									
HETATM	9690	O1	PRP	662	38.643	43.453	18.295	1.00	0.00
O									
HETATM	9691	H1	PRP	662	38.456	43.484	17.354	1.00	0.00
H									
HETATM	9692	C1	PRP	662	39.286	44.670	18.557	1.00	0.00
C									
HETATM	9693	H2	PRP	662	38.615	45.119	19.289	1.00	0.00
H									
HETATM	9694	H3	PRP	662	40.239	44.457	19.042	1.00	0.00
H									
HETATM	9695	C2	PRP	662	39.588	45.516	17.350	1.00	0.00
C									
HETATM	9696	H4	PRP	662	40.096	46.457	17.564	1.00	0.00
H									
HETATM	9697	O2	PRP	662	38.349	45.824	16.814	1.00	0.00
O									
HETATM	9698	H5	PRP	662	37.726	46.125	17.479	1.00	0.00
H									
HETATM	9699	C3	PRP	662	40.406	44.692	16.264	1.00	0.00
C									
HETATM	9700	H6	PRP	662	40.448	45.116	15.260	1.00	0.00
H									
HETATM	9701	H7	PRP	662	41.412	44.623	16.676	1.00	0.00
H									
HETATM	9702	H8	PRP	662	39.921	43.727	16.118	1.00	0.00
H									
HETATM	9703	O1	PRP	663	16.144	55.209	17.026	1.00	0.00
O									
HETATM	9704	H1	PRP	663	16.925	55.467	17.521	1.00	0.00
H									
HETATM	9705	C1	PRP	663	16.314	53.872	16.845	1.00	0.00
C									
HETATM	9706	H2	PRP	663	15.788	53.407	17.678	1.00	0.00
H									
HETATM	9707	H3	PRP	663	15.620	53.533	16.075	1.00	0.00
H									
HETATM	9708	C2	PRP	663	17.780	53.431	16.741	1.00	0.00
C									
HETATM	9709	H4	PRP	663	17.832	52.494	16.187	1.00	0.00
H									
HETATM	9710	O2	PRP	663	18.418	53.300	18.005	1.00	0.00
O									
HETATM	9711	H5	PRP	663	19.066	52.594	18.066	1.00	0.00
H									
HETATM	9712	C3	PRP	663	18.660	54.275	15.845	1.00	0.00
C									
HETATM	9713	H6	PRP	663	19.524	53.647	15.627	1.00	0.00
H									
HETATM	9714	H7	PRP	663	18.172	54.680	14.958	1.00	0.00
H									
HETATM	9715	H8	PRP	663	19.016	55.121	16.433	1.00	0.00
H									

HETATM	9716	O1	PRP	664	21.923	57.593	9.066	1.00	0.00
O									
HETATM	9717	H1	PRP	664	21.984	57.179	9.930	1.00	0.00
H									
HETATM	9718	C1	PRP	664	23.125	58.077	8.807	1.00	0.00
C									
HETATM	9719	H2	PRP	664	23.485	57.838	7.806	1.00	0.00
H									
HETATM	9720	H3	PRP	664	23.293	59.149	8.911	1.00	0.00
H									
HETATM	9721	C2	PRP	664	24.089	57.408	9.852	1.00	0.00
C									
HETATM	9722	H4	PRP	664	25.036	57.509	9.321	1.00	0.00
H									
HETATM	9723	O2	PRP	664	23.898	56.003	10.097	1.00	0.00
O									
HETATM	9724	H5	PRP	664	23.901	55.504	9.277	1.00	0.00
H									
HETATM	9725	C3	PRP	664	24.090	58.239	11.163	1.00	0.00
C									
HETATM	9726	H6	PRP	664	23.054	58.542	11.316	1.00	0.00
H									
HETATM	9727	H7	PRP	664	24.434	57.729	12.062	1.00	0.00
H									
HETATM	9728	H8	PRP	664	24.576	59.213	11.096	1.00	0.00
H									
HETATM	9729	O1	PRP	665	24.065	42.719	16.558	1.00	0.00
O									
HETATM	9730	H1	PRP	665	24.449	43.028	17.382	1.00	0.00
H									
HETATM	9731	C1	PRP	665	22.738	42.434	16.825	1.00	0.00
C									
HETATM	9732	H2	PRP	665	22.385	41.768	16.038	1.00	0.00
H									
HETATM	9733	H3	PRP	665	22.541	42.006	17.808	1.00	0.00
H									
HETATM	9734	C2	PRP	665	22.039	43.788	16.644	1.00	0.00
C									
HETATM	9735	H4	PRP	665	22.499	44.352	15.833	1.00	0.00
H									
HETATM	9736	O2	PRP	665	22.203	44.644	17.798	1.00	0.00
O									
HETATM	9737	H5	PRP	665	23.051	44.459	18.210	1.00	0.00
H									
HETATM	9738	C3	PRP	665	20.577	43.684	16.408	1.00	0.00
C									
HETATM	9739	H6	PRP	665	20.181	43.104	17.242	1.00	0.00
H									
HETATM	9740	H7	PRP	665	20.100	44.652	16.560	1.00	0.00
H									
HETATM	9741	H8	PRP	665	20.387	43.267	15.419	1.00	0.00
H									
HETATM	9742	O1	PRP	666	21.067	48.056	13.159	1.00	0.00
O									
HETATM	9743	H1	PRP	666	21.950	48.077	12.781	1.00	0.00
H									

HETATM	9744	C1	PRP	666	20.895	48.910	14.239	1.00	0.00
C									
HETATM	9745	H2	PRP	666	19.909	48.835	14.699	1.00	0.00
H									
HETATM	9746	H3	PRP	666	21.585	48.635	15.037	1.00	0.00
H									
HETATM	9747	C2	PRP	666	21.201	50.389	13.927	1.00	0.00
C									
HETATM	9748	H4	PRP	666	20.824	50.929	14.795	1.00	0.00
H									
HETATM	9749	O2	PRP	666	20.534	50.619	12.757	1.00	0.00
O									
HETATM	9750	H5	PRP	666	20.344	49.848	12.219	1.00	0.00
H									
HETATM	9751	C3	PRP	666	22.727	50.756	13.934	1.00	0.00
C									
HETATM	9752	H6	PRP	666	22.848	51.833	13.821	1.00	0.00
H									
HETATM	9753	H7	PRP	666	23.093	50.441	14.911	1.00	0.00
H									
HETATM	9754	H8	PRP	666	23.377	50.261	13.213	1.00	0.00
H									
HETATM	9755	O1	PRP	667	26.950	62.823	17.590	1.00	0.00
O									
HETATM	9756	H1	PRP	667	26.805	62.806	18.539	1.00	0.00
H									
HETATM	9757	C1	PRP	667	27.316	61.534	17.076	1.00	0.00
C									
HETATM	9758	H2	PRP	667	27.441	61.620	15.997	1.00	0.00
H									
HETATM	9759	H3	PRP	667	28.232	61.201	17.565	1.00	0.00
H									
HETATM	9760	C2	PRP	667	26.097	60.704	17.521	1.00	0.00
C									
HETATM	9761	H4	PRP	667	25.159	61.064	17.098	1.00	0.00
H									
HETATM	9762	O2	PRP	667	26.105	60.735	18.974	1.00	0.00
O									
HETATM	9763	H5	PRP	667	26.255	59.847	19.305	1.00	0.00
H									
HETATM	9764	C3	PRP	667	26.291	59.307	16.981	1.00	0.00
C									
HETATM	9765	H6	PRP	667	27.250	58.893	17.291	1.00	0.00
H									
HETATM	9766	H7	PRP	667	25.454	58.683	17.295	1.00	0.00
H									
HETATM	9767	H8	PRP	667	26.237	59.358	15.894	1.00	0.00
H									
HETATM	9768	O1	PRP	668	26.222	34.658	12.696	1.00	0.00
O									
HETATM	9769	H1	PRP	668	25.953	35.455	13.159	1.00	0.00
H									
HETATM	9770	C1	PRP	668	26.317	33.551	13.595	1.00	0.00
C									
HETATM	9771	H2	PRP	668	26.624	32.659	13.050	1.00	0.00
H									

HETATM	9772	H3	PRP	668	27.082	33.748	14.346	1.00	0.00
H									
HETATM	9773	C2	PRP	668	25.086	33.137	14.368	1.00	0.00
C									
HETATM	9774	H4	PRP	668	25.388	32.278	14.966	1.00	0.00
H									
HETATM	9775	O2	PRP	668	24.056	32.893	13.460	1.00	0.00
O									
HETATM	9776	H5	PRP	668	23.217	32.810	13.919	1.00	0.00
H									
HETATM	9777	C3	PRP	668	24.586	34.257	15.368	1.00	0.00
C									
HETATM	9778	H6	PRP	668	23.797	34.814	14.863	1.00	0.00
H									
HETATM	9779	H7	PRP	668	24.254	33.878	16.335	1.00	0.00
H									
HETATM	9780	H8	PRP	668	25.444	34.909	15.533	1.00	0.00
H									
HETATM	9781	O1	PRP	669	27.307	44.804	20.082	1.00	0.00
O									
HETATM	9782	H1	PRP	669	27.145	45.486	20.738	1.00	0.00
H									
HETATM	9783	C1	PRP	669	26.623	43.633	20.563	1.00	0.00
C									
HETATM	9784	H2	PRP	669	27.338	42.953	21.026	1.00	0.00
H									
HETATM	9785	H3	PRP	669	25.875	43.929	21.298	1.00	0.00
H									
HETATM	9786	C2	PRP	669	25.908	42.984	19.356	1.00	0.00
C									
HETATM	9787	H4	PRP	669	26.636	42.624	18.629	1.00	0.00
H									
HETATM	9788	O2	PRP	669	25.041	43.977	18.805	1.00	0.00
O									
HETATM	9789	H5	PRP	669	25.629	44.730	18.704	1.00	0.00
H									
HETATM	9790	C3	PRP	669	25.055	41.763	19.774	1.00	0.00
C									
HETATM	9791	H6	PRP	669	24.831	41.149	18.902	1.00	0.00
H									
HETATM	9792	H7	PRP	669	25.454	41.057	20.503	1.00	0.00
H									
HETATM	9793	H8	PRP	669	24.111	42.156	20.153	1.00	0.00
H									
HETATM	9794	O1	PRP	670	30.176	56.227	15.298	1.00	0.00
O									
HETATM	9795	H1	PRP	670	30.198	56.988	14.714	1.00	0.00
H									
HETATM	9796	C1	PRP	670	31.156	55.269	14.945	1.00	0.00
C									
HETATM	9797	H2	PRP	670	31.778	55.078	15.820	1.00	0.00
H									
HETATM	9798	H3	PRP	670	30.623	54.342	14.732	1.00	0.00
H									
HETATM	9799	C2	PRP	670	31.980	55.765	13.711	1.00	0.00
C									

HETATM	9800	H4	PRP	670	32.372	56.760	13.923	1.00	0.00
H									
HETATM	9801	O2	PRP	670	31.104	55.940	12.535	1.00	0.00
O									
HETATM	9802	H5	PRP	670	31.420	56.685	12.020	1.00	0.00
H									
HETATM	9803	C3	PRP	670	33.252	54.940	13.455	1.00	0.00
C									
HETATM	9804	H6	PRP	670	33.861	55.477	12.727	1.00	0.00
H									
HETATM	9805	H7	PRP	670	33.781	54.765	14.392	1.00	0.00
H									
HETATM	9806	H8	PRP	670	33.064	54.064	12.834	1.00	0.00
H									
HETATM	9807	O1	PRP	671	5.420	51.126	10.745	1.00	0.00
O									
HETATM	9808	H1	PRP	671	4.849	50.536	10.247	1.00	0.00
H									
HETATM	9809	C1	PRP	671	6.452	50.401	11.480	1.00	0.00
C									
HETATM	9810	H2	PRP	671	6.284	50.745	12.501	1.00	0.00
H									
HETATM	9811	H3	PRP	671	6.273	49.326	11.480	1.00	0.00
H									
HETATM	9812	C2	PRP	671	7.877	50.694	10.889	1.00	0.00
C									
HETATM	9813	H4	PRP	671	8.167	51.744	10.924	1.00	0.00
H									
HETATM	9814	O2	PRP	671	7.764	50.214	9.519	1.00	0.00
O									
HETATM	9815	H5	PRP	671	7.183	50.832	9.069	1.00	0.00
H									
HETATM	9816	C3	PRP	671	8.991	50.023	11.676	1.00	0.00
C									
HETATM	9817	H6	PRP	671	10.019	50.252	11.398	1.00	0.00
H									
HETATM	9818	H7	PRP	671	8.890	50.236	12.740	1.00	0.00
H									
HETATM	9819	H8	PRP	671	8.830	48.948	11.763	1.00	0.00
H									
HETATM	9820	O1	PRP	672	27.394	38.536	11.179	1.00	0.00
O									
HETATM	9821	H1	PRP	672	28.281	38.793	11.442	1.00	0.00
H									
HETATM	9822	C1	PRP	672	27.602	37.356	10.441	1.00	0.00
C									
HETATM	9823	H2	PRP	672	27.249	36.667	11.209	1.00	0.00
H									
HETATM	9824	H3	PRP	672	27.105	37.331	9.471	1.00	0.00
H									
HETATM	9825	C2	PRP	672	28.990	36.912	10.074	1.00	0.00
C									
HETATM	9826	H4	PRP	672	28.820	36.003	9.497	1.00	0.00
H									
HETATM	9827	O2	PRP	672	29.926	36.776	11.152	1.00	0.00
O									

HETATM	9828	H5	PRP	672	30.826	36.891	10.838	1.00	0.00
H									
HETATM	9829	C3	PRP	672	29.563	37.926	9.079	1.00	0.00
C									
HETATM	9830	H6	PRP	672	30.525	37.586	8.698	1.00	0.00
H									
HETATM	9831	H7	PRP	672	28.941	38.118	8.205	1.00	0.00
H									
HETATM	9832	H8	PRP	672	29.631	38.948	9.452	1.00	0.00
H									
HETATM	9833	O1	PRP	673	26.724	49.574	20.257	1.00	0.00
O									
HETATM	9834	H1	PRP	673	26.169	49.545	19.474	1.00	0.00
H									
HETATM	9835	C1	PRP	673	27.505	50.790	20.117	1.00	0.00
C									
HETATM	9836	H2	PRP	673	28.248	50.691	19.325	1.00	0.00
H									
HETATM	9837	H3	PRP	673	26.893	51.640	19.814	1.00	0.00
H									
HETATM	9838	C2	PRP	673	28.180	51.036	21.444	1.00	0.00
C									
HETATM	9839	H4	PRP	673	28.896	50.221	21.553	1.00	0.00
H									
HETATM	9840	O2	PRP	673	27.351	50.987	22.616	1.00	0.00
O									
HETATM	9841	H5	PRP	673	26.938	50.120	22.595	1.00	0.00
H									
HETATM	9842	C3	PRP	673	28.940	52.357	21.509	1.00	0.00
C									
HETATM	9843	H6	PRP	673	29.039	52.561	22.575	1.00	0.00
H									
HETATM	9844	H7	PRP	673	29.897	52.308	20.989	1.00	0.00
H									
HETATM	9845	H8	PRP	673	28.279	53.093	21.051	1.00	0.00
H									
HETATM	9846	O1	PRP	674	48.463	48.235	24.023	1.00	0.00
O									
HETATM	9847	H1	PRP	674	47.658	47.796	24.309	1.00	0.00
H									
HETATM	9848	C1	PRP	674	48.354	48.250	22.636	1.00	0.00
C									
HETATM	9849	H2	PRP	674	49.361	48.267	22.220	1.00	0.00
H									
HETATM	9850	H3	PRP	674	47.797	47.389	22.266	1.00	0.00
H									
HETATM	9851	C2	PRP	674	47.798	49.573	22.157	1.00	0.00
C									
HETATM	9852	H4	PRP	674	47.488	49.425	21.123	1.00	0.00
H									
HETATM	9853	O2	PRP	674	48.708	50.613	22.272	1.00	0.00
O									
HETATM	9854	H5	PRP	674	49.358	50.341	21.621	1.00	0.00
H									
HETATM	9855	C3	PRP	674	46.413	50.025	22.752	1.00	0.00
C									

HETATM	9856	H6	PRP	674	46.473	50.243	23.819	1.00	0.00
H									
HETATM	9857	H7	PRP	674	46.009	50.914	22.267	1.00	0.00
H									
HETATM	9858	H8	PRP	674	45.669	49.232	22.685	1.00	0.00
H									
HETATM	9859	O1	PRP	675	37.078	49.916	16.247	1.00	0.00
O									
HETATM	9860	H1	PRP	675	37.964	49.553	16.176	1.00	0.00
H									
HETATM	9861	C1	PRP	675	36.176	49.176	15.402	1.00	0.00
C									
HETATM	9862	H2	PRP	675	36.574	48.188	15.173	1.00	0.00
H									
HETATM	9863	H3	PRP	675	35.164	49.070	15.795	1.00	0.00
H									
HETATM	9864	C2	PRP	675	35.994	49.948	14.047	1.00	0.00
C									
HETATM	9865	H4	PRP	675	35.252	49.420	13.448	1.00	0.00
H									
HETATM	9866	O2	PRP	675	37.188	49.932	13.288	1.00	0.00
O									
HETATM	9867	H5	PRP	675	36.903	50.269	12.435	1.00	0.00
H									
HETATM	9868	C3	PRP	675	35.390	51.333	14.119	1.00	0.00
C									
HETATM	9869	H6	PRP	675	36.205	52.057	14.145	1.00	0.00
H									
HETATM	9870	H7	PRP	675	34.851	51.551	13.197	1.00	0.00
H									
HETATM	9871	H8	PRP	675	34.766	51.388	15.010	1.00	0.00
H									
HETATM	9872	O1	PRP	676	9.708	54.313	13.784	1.00	0.00
O									
HETATM	9873	H1	PRP	676	9.234	53.547	14.115	1.00	0.00
H									
HETATM	9874	C1	PRP	676	10.432	53.980	12.619	1.00	0.00
C									
HETATM	9875	H2	PRP	676	11.427	53.620	12.880	1.00	0.00
H									
HETATM	9876	H3	PRP	676	9.887	53.221	12.058	1.00	0.00
H									
HETATM	9877	C2	PRP	676	10.646	55.284	11.889	1.00	0.00
C									
HETATM	9878	H4	PRP	676	11.246	55.899	12.559	1.00	0.00
H									
HETATM	9879	O2	PRP	676	9.413	55.906	11.785	1.00	0.00
O									
HETATM	9880	H5	PRP	676	9.075	55.986	12.680	1.00	0.00
H									
HETATM	9881	C3	PRP	676	11.250	55.003	10.558	1.00	0.00
C									
HETATM	9882	H6	PRP	676	11.609	55.909	10.069	1.00	0.00
H									
HETATM	9883	H7	PRP	676	12.036	54.271	10.742	1.00	0.00
H									

HETATM	9884	H8	PRP	676	10.597	54.540	9.818	1.00	0.00
H									
HETATM	9885	O1	PRP	677	36.597	57.554	23.532	1.00	0.00
O									
HETATM	9886	H1	PRP	677	37.009	57.377	22.683	1.00	0.00
H									
HETATM	9887	C1	PRP	677	35.191	57.611	23.424	1.00	0.00
C									
HETATM	9888	H2	PRP	677	34.708	56.640	23.306	1.00	0.00
H									
HETATM	9889	H3	PRP	677	34.804	57.913	24.397	1.00	0.00
H									
HETATM	9890	C2	PRP	677	34.652	58.668	22.461	1.00	0.00
C									
HETATM	9891	H4	PRP	677	34.860	58.349	21.440	1.00	0.00
H									
HETATM	9892	O2	PRP	677	35.139	59.943	22.767	1.00	0.00
O									
HETATM	9893	H5	PRP	677	34.762	60.339	23.556	1.00	0.00
H									
HETATM	9894	C3	PRP	677	33.177	58.696	22.433	1.00	0.00
C									
HETATM	9895	H6	PRP	677	32.811	57.735	22.071	1.00	0.00
H									
HETATM	9896	H7	PRP	677	32.838	58.768	23.466	1.00	0.00
H									
HETATM	9897	H8	PRP	677	32.894	59.588	21.874	1.00	0.00
H									
HETATM	9898	O1	PRP	678	42.551	51.375	21.376	1.00	0.00
O									
HETATM	9899	H1	PRP	678	41.724	51.823	21.571	1.00	0.00
H									
HETATM	9900	C1	PRP	678	43.521	52.354	21.261	1.00	0.00
C									
HETATM	9901	H2	PRP	678	43.518	52.914	22.196	1.00	0.00
H									
HETATM	9902	H3	PRP	678	44.503	51.885	21.211	1.00	0.00
H									
HETATM	9903	C2	PRP	678	43.461	53.418	20.062	1.00	0.00
C									
HETATM	9904	H4	PRP	678	44.438	53.892	20.150	1.00	0.00
H									
HETATM	9905	O2	PRP	678	42.364	54.294	20.135	1.00	0.00
O									
HETATM	9906	H5	PRP	678	42.621	54.947	19.481	1.00	0.00
H									
HETATM	9907	C3	PRP	678	43.363	52.688	18.692	1.00	0.00
C									
HETATM	9908	H6	PRP	678	43.990	51.803	18.801	1.00	0.00
H									
HETATM	9909	H7	PRP	678	42.335	52.526	18.370	1.00	0.00
H									
HETATM	9910	H8	PRP	678	43.798	53.391	17.981	1.00	0.00
H									
HETATM	9911	O1	PRP	679	32.573	36.734	10.094	1.00	0.00
O									

HETATM	9912	H1	PRP	679	33.143	36.272	9.476	1.00	0.00
H									
HETATM	9913	C1	PRP	679	33.160	36.899	11.398	1.00	0.00
C									
HETATM	9914	H2	PRP	679	32.467	37.452	12.032	1.00	0.00
H									
HETATM	9915	H3	PRP	679	33.153	35.973	11.972	1.00	0.00
H									
HETATM	9916	C2	PRP	679	34.509	37.538	11.342	1.00	0.00
C									
HETATM	9917	H4	PRP	679	34.565	38.356	10.624	1.00	0.00
H									
HETATM	9918	O2	PRP	679	35.501	36.486	11.171	1.00	0.00
O									
HETATM	9919	H5	PRP	679	35.293	35.839	11.848	1.00	0.00
H									
HETATM	9920	C3	PRP	679	34.653	38.069	12.808	1.00	0.00
C									
HETATM	9921	H6	PRP	679	33.850	38.760	13.065	1.00	0.00
H									
HETATM	9922	H7	PRP	679	34.601	37.244	13.519	1.00	0.00
H									
HETATM	9923	H8	PRP	679	35.613	38.586	12.799	1.00	0.00
H									
HETATM	9924	O1	PRP	680	41.857	38.342	5.806	1.00	0.00
O									
HETATM	9925	H1	PRP	680	40.936	38.274	6.071	1.00	0.00
H									
HETATM	9926	C1	PRP	680	42.627	37.952	6.915	1.00	0.00
C									
HETATM	9927	H2	PRP	680	43.534	38.535	6.756	1.00	0.00
H									
HETATM	9928	H3	PRP	680	42.211	38.315	7.855	1.00	0.00
H									
HETATM	9929	C2	PRP	680	42.996	36.455	7.010	1.00	0.00
C									
HETATM	9930	H4	PRP	680	43.917	36.529	7.588	1.00	0.00
H									
HETATM	9931	O2	PRP	680	43.389	35.924	5.729	1.00	0.00
O									
HETATM	9932	H5	PRP	680	42.615	36.008	5.168	1.00	0.00
H									
HETATM	9933	C3	PRP	680	41.964	35.620	7.630	1.00	0.00
C									
HETATM	9934	H6	PRP	680	42.288	34.582	7.710	1.00	0.00
H									
HETATM	9935	H7	PRP	680	41.770	35.916	8.660	1.00	0.00
H									
HETATM	9936	H8	PRP	680	41.010	35.642	7.103	1.00	0.00
H									
HETATM	9937	O1	PRP	681	28.694	-3.284	27.402	1.00	0.00
O									
HETATM	9938	H1	PRP	681	29.338	-3.523	26.731	1.00	0.00
H									
HETATM	9939	C1	PRP	681	29.018	-1.934	27.750	1.00	0.00
C									

HETATM	9940	H2	PRP	681	28.488	-1.175	27.174	1.00	0.00
H									
HETATM	9941	H3	PRP	681	28.717	-1.814	28.790	1.00	0.00
H									
HETATM	9942	C2	PRP	681	30.552	-1.601	27.518	1.00	0.00
C									
HETATM	9943	H4	PRP	681	30.847	-0.625	27.904	1.00	0.00
H									
HETATM	9944	O2	PRP	681	30.835	-1.673	26.110	1.00	0.00
O									
HETATM	9945	H5	PRP	681	31.555	-1.046	26.011	1.00	0.00
H									
HETATM	9946	C3	PRP	681	31.410	-2.686	28.160	1.00	0.00
C									
HETATM	9947	H6	PRP	681	32.416	-2.698	27.740	1.00	0.00
H									
HETATM	9948	H7	PRP	681	31.424	-2.324	29.188	1.00	0.00
H									
HETATM	9949	H8	PRP	681	30.902	-3.650	28.148	1.00	0.00
H									
HETATM	9950	O1	PRP	682	16.119	-1.895	36.543	1.00	0.00
O									
HETATM	9951	H1	PRP	682	16.273	-2.071	35.612	1.00	0.00
H									
HETATM	9952	C1	PRP	682	17.384	-1.883	37.197	1.00	0.00
C									
HETATM	9953	H2	PRP	682	17.930	-0.997	36.872	1.00	0.00
H									
HETATM	9954	H3	PRP	682	17.399	-1.973	38.283	1.00	0.00
H									
HETATM	9955	C2	PRP	682	18.191	-3.176	36.653	1.00	0.00
C									
HETATM	9956	H4	PRP	682	19.161	-3.290	37.137	1.00	0.00
H									
HETATM	9957	O2	PRP	682	18.486	-2.980	35.251	1.00	0.00
O									
HETATM	9958	H5	PRP	682	19.168	-3.579	34.939	1.00	0.00
H									
HETATM	9959	C3	PRP	682	17.377	-4.456	36.899	1.00	0.00
C									
HETATM	9960	H6	PRP	682	17.185	-4.517	37.970	1.00	0.00
H									
HETATM	9961	H7	PRP	682	16.401	-4.233	36.467	1.00	0.00
H									
HETATM	9962	H8	PRP	682	17.816	-5.374	36.508	1.00	0.00
H									
HETATM	9963	O1	PRP	683	26.695	-7.808	24.416	1.00	0.00
O									
HETATM	9964	H1	PRP	683	27.072	-8.445	25.026	1.00	0.00
H									
HETATM	9965	C1	PRP	683	26.352	-6.640	25.107	1.00	0.00
C									
HETATM	9966	H2	PRP	683	27.094	-6.209	25.779	1.00	0.00
H									
HETATM	9967	H3	PRP	683	26.098	-5.893	24.354	1.00	0.00
H									

HETATM	9968	C2	PRP	683	25.075	-6.857	25.929	1.00	0.00
C									
HETATM	9969	H4	PRP	683	25.242	-7.662	26.645	1.00	0.00
H									
HETATM	9970	O2	PRP	683	23.909	-6.967	25.176	1.00	0.00
O									
HETATM	9971	H5	PRP	683	23.848	-7.882	24.892	1.00	0.00
H									
HETATM	9972	C3	PRP	683	24.761	-5.576	26.867	1.00	0.00
C									
HETATM	9973	H6	PRP	683	24.363	-4.750	26.278	1.00	0.00
H									
HETATM	9974	H7	PRP	683	23.930	-5.811	27.533	1.00	0.00
H									
HETATM	9975	H8	PRP	683	25.703	-5.353	27.368	1.00	0.00
H									
HETATM	9976	O1	PRP	684	28.081	4.995	25.852	1.00	0.00
O									
HETATM	9977	H1	PRP	684	28.385	5.877	26.077	1.00	0.00
H									
HETATM	9978	C1	PRP	684	29.146	4.108	25.967	1.00	0.00
C									
HETATM	9979	H2	PRP	684	29.195	3.692	24.961	1.00	0.00
H									
HETATM	9980	H3	PRP	684	30.107	4.593	26.139	1.00	0.00
H									
HETATM	9981	C2	PRP	684	28.859	3.064	26.996	1.00	0.00
C									
HETATM	9982	H4	PRP	684	27.900	2.648	26.686	1.00	0.00
H									
HETATM	9983	O2	PRP	684	28.748	3.635	28.294	1.00	0.00
O									
HETATM	9984	H5	PRP	684	29.181	4.478	28.139	1.00	0.00
H									
HETATM	9985	C3	PRP	684	29.897	1.879	26.957	1.00	0.00
C									
HETATM	9986	H6	PRP	684	29.723	1.338	27.887	1.00	0.00
H									
HETATM	9987	H7	PRP	684	29.755	1.274	26.062	1.00	0.00
H									
HETATM	9988	H8	PRP	684	30.795	2.495	26.908	1.00	0.00
H									
HETATM	9989	O1	PRP	685	20.361	-4.854	34.582	1.00	0.00
O									
HETATM	9990	H1	PRP	685	21.277	-4.655	34.374	1.00	0.00
H									
HETATM	9991	C1	PRP	685	20.332	-6.010	35.430	1.00	0.00
C									
HETATM	9992	H2	PRP	685	20.477	-5.709	36.468	1.00	0.00
H									
HETATM	9993	H3	PRP	685	19.335	-6.434	35.317	1.00	0.00
H									
HETATM	9994	C2	PRP	685	21.382	-6.982	34.992	1.00	0.00
C									
HETATM	9995	H4	PRP	685	21.487	-7.619	35.870	1.00	0.00
H									

HETATM 9996	O2	PRP	685	22.667	-6.453	34.757	1.00	0.00
O								
HETATM 9997	H5	PRP	685	23.266	-7.196	34.653	1.00	0.00
H								
HETATM 9998	C3	PRP	685	20.978	-7.739	33.740	1.00	0.00
C								
HETATM 9999	H6	PRP	685	20.036	-8.255	33.924	1.00	0.00
H								
HETATM10000	H7	PRP	685	20.666	-7.017	32.985	1.00	0.00
H								
HETATM10001	H8	PRP	685	21.713	-8.471	33.404	1.00	0.00
H								
HETATM10002	O1	PRP	686	27.131	-15.802	30.174	1.00	0.00
O								
HETATM10003	H1	PRP	686	26.469	-15.919	30.859	1.00	0.00
H								
HETATM10004	C1	PRP	686	26.835	-14.670	29.478	1.00	0.00
C								
HETATM10005	H2	PRP	686	26.844	-13.795	30.128	1.00	0.00
H								
HETATM10006	H3	PRP	686	27.531	-14.525	28.652	1.00	0.00
H								
HETATM10007	C2	PRP	686	25.488	-14.847	28.867	1.00	0.00
C								
HETATM10008	H4	PRP	686	24.742	-15.090	29.624	1.00	0.00
H								
HETATM10009	O2	PRP	686	25.551	-15.756	27.710	1.00	0.00
O								
HETATM10010	H5	PRP	686	25.722	-16.588	28.156	1.00	0.00
H								
HETATM10011	C3	PRP	686	25.098	-13.460	28.244	1.00	0.00
C								
HETATM10012	H6	PRP	686	25.658	-13.383	27.312	1.00	0.00
H								
HETATM10013	H7	PRP	686	24.044	-13.358	27.984	1.00	0.00
H								
HETATM10014	H8	PRP	686	25.278	-12.668	28.971	1.00	0.00
H								
HETATM10015	O1	PRP	687	11.568	-2.039	25.874	1.00	0.00
O								
HETATM10016	H1	PRP	687	11.840	-2.835	25.411	1.00	0.00
H								
HETATM10017	C1	PRP	687	12.546	-1.012	25.793	1.00	0.00
C								
HETATM10018	H2	PRP	687	13.064	-0.982	26.752	1.00	0.00
H								
HETATM10019	H3	PRP	687	13.240	-1.117	24.960	1.00	0.00
H								
HETATM10020	C2	PRP	687	11.930	0.343	25.565	1.00	0.00
C								
HETATM10021	H4	PRP	687	11.220	0.433	26.387	1.00	0.00
H								
HETATM10022	O2	PRP	687	11.348	0.412	24.265	1.00	0.00
O								
HETATM10023	H5	PRP	687	11.125	-0.475	23.975	1.00	0.00
H								

HETATM10024	C3	PRP	687	13.070	1.405	25.785	1.00	0.00
C								
HETATM10025	H6	PRP	687	13.517	1.488	26.776	1.00	0.00
H								
HETATM10026	H7	PRP	687	13.861	1.206	25.061	1.00	0.00
H								
HETATM10027	H8	PRP	687	12.632	2.346	25.455	1.00	0.00
H								
HETATM10028	O1	PRP	688	22.715	0.410	17.710	1.00	0.00
O								
HETATM10029	H1	PRP	688	22.395	-0.495	17.695	1.00	0.00
H								
HETATM10030	C1	PRP	688	22.882	0.890	19.058	1.00	0.00
C								
HETATM10031	H2	PRP	688	23.781	0.382	19.406	1.00	0.00
H								
HETATM10032	H3	PRP	688	23.061	1.962	18.972	1.00	0.00
H								
HETATM10033	C2	PRP	688	21.695	0.560	19.950	1.00	0.00
C								
HETATM10034	H4	PRP	688	21.832	0.936	20.964	1.00	0.00
H								
HETATM10035	O2	PRP	688	21.447	-0.821	19.971	1.00	0.00
O								
HETATM10036	H5	PRP	688	22.222	-1.343	20.193	1.00	0.00
H								
HETATM10037	C3	PRP	688	20.330	0.983	19.438	1.00	0.00
C								
HETATM10038	H6	PRP	688	20.157	0.718	18.394	1.00	0.00
H								
HETATM10039	H7	PRP	688	19.555	0.492	20.027	1.00	0.00
H								
HETATM10040	H8	PRP	688	20.208	2.065	19.386	1.00	0.00
H								
HETATM10041	O1	PRP	689	26.469	-0.140	14.394	1.00	0.00
O								
HETATM10042	H1	PRP	689	25.532	-0.327	14.303	1.00	0.00
H								
HETATM10043	C1	PRP	689	26.981	-0.905	15.505	1.00	0.00
C								
HETATM10044	H2	PRP	689	26.560	-1.906	15.411	1.00	0.00
H								
HETATM10045	H3	PRP	689	28.059	-1.044	15.429	1.00	0.00
H								
HETATM10046	C2	PRP	689	26.603	-0.321	16.807	1.00	0.00
C								
HETATM10047	H4	PRP	689	25.584	0.062	16.865	1.00	0.00
H								
HETATM10048	O2	PRP	689	27.503	0.674	17.232	1.00	0.00
O								
HETATM10049	H5	PRP	689	27.092	1.484	16.922	1.00	0.00
H								
HETATM10050	C3	PRP	689	26.696	-1.545	17.804	1.00	0.00
C								
HETATM10051	H6	PRP	689	26.239	-1.171	18.721	1.00	0.00
H								

HETATM10052	H7	PRP	689	26.158	-2.450	17.521	1.00	0.00
H								
HETATM10053	H8	PRP	689	27.760	-1.623	18.026	1.00	0.00
H								
HETATM10054	O1	PRP	690	12.088	-5.489	18.684	1.00	0.00
O								
HETATM10055	H1	PRP	690	12.620	-6.213	18.347	1.00	0.00
H								
HETATM10056	C1	PRP	690	10.747	-5.693	18.206	1.00	0.00
C								
HETATM10057	H2	PRP	690	10.088	-5.803	19.067	1.00	0.00
H								
HETATM10058	H3	PRP	690	10.408	-4.827	17.638	1.00	0.00
H								
HETATM10059	C2	PRP	690	10.676	-6.892	17.225	1.00	0.00
C								
HETATM10060	H4	PRP	690	9.602	-7.034	17.100	1.00	0.00
H								
HETATM10061	O2	PRP	690	11.148	-8.091	17.768	1.00	0.00
O								
HETATM10062	H5	PRP	690	10.929	-8.793	17.151	1.00	0.00
H								
HETATM10063	C3	PRP	690	11.340	-6.585	15.878	1.00	0.00
C								
HETATM10064	H6	PRP	690	12.423	-6.683	15.953	1.00	0.00
H								
HETATM10065	H7	PRP	690	10.960	-7.292	15.140	1.00	0.00
H								
HETATM10066	H8	PRP	690	11.155	-5.560	15.557	1.00	0.00
H								
HETATM10067	O1	PRP	691	15.414	-8.441	25.092	1.00	0.00
O								
HETATM10068	H1	PRP	691	14.897	-9.138	24.681	1.00	0.00
H								
HETATM10069	C1	PRP	691	15.465	-7.366	24.263	1.00	0.00
C								
HETATM10070	H2	PRP	691	15.247	-7.702	23.249	1.00	0.00
H								
HETATM10071	H3	PRP	691	14.623	-6.713	24.492	1.00	0.00
H								
HETATM10072	C2	PRP	691	16.817	-6.653	24.272	1.00	0.00
C								
HETATM10073	H4	PRP	691	17.608	-7.395	24.165	1.00	0.00
H								
HETATM10074	O2	PRP	691	16.924	-5.920	25.444	1.00	0.00
O								
HETATM10075	H5	PRP	691	16.741	-6.434	26.234	1.00	0.00
H								
HETATM10076	C3	PRP	691	16.916	-5.618	23.169	1.00	0.00
C								
HETATM10077	H6	PRP	691	16.739	-6.026	22.174	1.00	0.00
H								
HETATM10078	H7	PRP	691	16.174	-4.857	23.411	1.00	0.00
H								
HETATM10079	H8	PRP	691	17.924	-5.206	23.204	1.00	0.00
H								

HETATM10080	O1	PRP	692	15.108	0.093	13.202	1.00	0.00
O								
HETATM10081	H1	PRP	692	15.154	-0.754	12.751	1.00	0.00
H								
HETATM10082	C1	PRP	692	15.205	1.072	12.184	1.00	0.00
C								
HETATM10083	H2	PRP	692	14.199	1.207	11.787	1.00	0.00
H								
HETATM10084	H3	PRP	692	15.599	1.956	12.687	1.00	0.00
H								
HETATM10085	C2	PRP	692	16.246	0.736	11.106	1.00	0.00
C								
HETATM10086	H4	PRP	692	16.125	-0.334	10.934	1.00	0.00
H								
HETATM10087	O2	PRP	692	17.539	1.141	11.492	1.00	0.00
O								
HETATM10088	H5	PRP	692	17.827	0.554	12.195	1.00	0.00
H								
HETATM10089	C3	PRP	692	15.855	1.342	9.765	1.00	0.00
C								
HETATM10090	H6	PRP	692	14.803	1.077	9.659	1.00	0.00
H								
HETATM10091	H7	PRP	692	15.933	2.425	9.863	1.00	0.00
H								
HETATM10092	H8	PRP	692	16.532	0.968	8.997	1.00	0.00
H								
HETATM10093	O1	PRP	693	23.668	-0.154	14.898	1.00	0.00
O								
HETATM10094	H1	PRP	693	23.334	0.390	15.615	1.00	0.00
H								
HETATM10095	C1	PRP	693	22.570	-0.096	13.920	1.00	0.00
C								
HETATM10096	H2	PRP	693	22.954	-0.479	12.975	1.00	0.00
H								
HETATM10097	H3	PRP	693	21.766	-0.720	14.309	1.00	0.00
H								
HETATM10098	C2	PRP	693	22.233	1.377	13.668	1.00	0.00
C								
HETATM10099	H4	PRP	693	23.194	1.832	13.430	1.00	0.00
H								
HETATM10100	O2	PRP	693	21.803	1.989	14.932	1.00	0.00
O								
HETATM10101	H5	PRP	693	21.620	2.906	14.717	1.00	0.00
H								
HETATM10102	C3	PRP	693	21.311	1.590	12.416	1.00	0.00
C								
HETATM10103	H6	PRP	693	21.392	0.701	11.790	1.00	0.00
H								
HETATM10104	H7	PRP	693	20.284	1.457	12.755	1.00	0.00
H								
HETATM10105	H8	PRP	693	21.445	2.527	11.875	1.00	0.00
H								
HETATM10106	O1	PRP	694	15.587	-11.707	19.953	1.00	0.00
O								
HETATM10107	H1	PRP	694	15.484	-11.167	20.740	1.00	0.00
H								

HETATM10108	C1	PRP	694	14.335	-12.307	19.607	1.00	0.00
C								
HETATM10109	H2	PRP	694	13.762	-12.356	20.533	1.00	0.00
H								
HETATM10110	H3	PRP	694	13.865	-11.612	18.910	1.00	0.00
H								
HETATM10111	C2	PRP	694	14.532	-13.599	18.777	1.00	0.00
C								
HETATM10112	H4	PRP	694	15.276	-14.102	19.395	1.00	0.00
H								
HETATM10113	O2	PRP	694	15.131	-13.390	17.523	1.00	0.00
O								
HETATM10114	H5	PRP	694	16.064	-13.614	17.497	1.00	0.00
H								
HETATM10115	C3	PRP	694	13.332	-14.584	18.583	1.00	0.00
C								
HETATM10116	H6	PRP	694	12.931	-14.737	19.584	1.00	0.00
H								
HETATM10117	H7	PRP	694	12.572	-14.094	17.974	1.00	0.00
H								
HETATM10118	H8	PRP	694	13.724	-15.522	18.189	1.00	0.00
H								
HETATM10119	O1	PRP	695	28.630	-6.986	28.292	1.00	0.00
O								
HETATM10120	H1	PRP	695	27.990	-7.634	28.598	1.00	0.00
H								
HETATM10121	C1	PRP	695	28.749	-5.793	28.991	1.00	0.00
C								
HETATM10122	H2	PRP	695	29.580	-5.209	28.594	1.00	0.00
H								
HETATM10123	H3	PRP	695	27.876	-5.154	28.861	1.00	0.00
H								
HETATM10124	C2	PRP	695	29.083	-5.986	30.530	1.00	0.00
C								
HETATM10125	H4	PRP	695	29.892	-6.695	30.709	1.00	0.00
H								
HETATM10126	O2	PRP	695	27.909	-6.525	31.173	1.00	0.00
O								
HETATM10127	H5	PRP	695	27.452	-5.790	31.588	1.00	0.00
H								
HETATM10128	C3	PRP	695	29.510	-4.785	31.204	1.00	0.00
C								
HETATM10129	H6	PRP	695	28.797	-4.025	30.885	1.00	0.00
H								
HETATM10130	H7	PRP	695	29.462	-4.876	32.289	1.00	0.00
H								
HETATM10131	H8	PRP	695	30.498	-4.388	30.970	1.00	0.00
H								
HETATM10132	O1	PRP	696	18.543	6.170	23.984	1.00	0.00
O								
HETATM10133	H1	PRP	696	18.322	6.429	23.086	1.00	0.00
H								
HETATM10134	C1	PRP	696	19.976	6.367	24.097	1.00	0.00
C								
HETATM10135	H2	PRP	696	20.144	7.411	24.360	1.00	0.00
H								

HETATM10136	H3	PRP	696	20.362	5.788	24.936	1.00	0.00
H								
HETATM10137	C2	PRP	696	20.720	6.001	22.791	1.00	0.00
C								
HETATM10138	H4	PRP	696	20.458	6.635	21.944	1.00	0.00
H								
HETATM10139	O2	PRP	696	20.280	4.727	22.500	1.00	0.00
O								
HETATM10140	H5	PRP	696	19.475	4.457	22.949	1.00	0.00
H								
HETATM10141	C3	PRP	696	22.209	6.106	22.884	1.00	0.00
C								
HETATM10142	H6	PRP	696	22.496	7.145	22.725	1.00	0.00
H								
HETATM10143	H7	PRP	696	22.570	5.605	23.783	1.00	0.00
H								
HETATM10144	H8	PRP	696	22.682	5.589	22.049	1.00	0.00
H								
HETATM10145	O1	PRP	697	24.936	1.896	21.427	1.00	0.00
O								
HETATM10146	H1	PRP	697	25.035	0.948	21.541	1.00	0.00
H								
HETATM10147	C1	PRP	697	24.251	2.441	22.518	1.00	0.00
C								
HETATM10148	H2	PRP	697	23.935	3.454	22.270	1.00	0.00
H								
HETATM10149	H3	PRP	697	23.360	1.855	22.745	1.00	0.00
H								
HETATM10150	C2	PRP	697	25.224	2.674	23.679	1.00	0.00
C								
HETATM10151	H4	PRP	697	26.187	3.032	23.314	1.00	0.00
H								
HETATM10152	O2	PRP	697	25.394	1.456	24.414	1.00	0.00
O								
HETATM10153	H5	PRP	697	26.220	1.052	24.137	1.00	0.00
H								
HETATM10154	C3	PRP	697	24.609	3.561	24.728	1.00	0.00
C								
HETATM10155	H6	PRP	697	24.395	4.585	24.422	1.00	0.00
H								
HETATM10156	H7	PRP	697	23.704	3.117	25.143	1.00	0.00
H								
HETATM10157	H8	PRP	697	25.328	3.685	25.539	1.00	0.00
H								
HETATM10158	O1	PRP	698	10.442	5.720	15.093	1.00	0.00
O								
HETATM10159	H1	PRP	698	11.065	5.446	14.416	1.00	0.00
H								
HETATM10160	C1	PRP	698	9.164	5.984	14.528	1.00	0.00
C								
HETATM10161	H2	PRP	698	8.859	5.216	13.817	1.00	0.00
H								
HETATM10162	H3	PRP	698	8.373	5.963	15.279	1.00	0.00
H								
HETATM10163	C2	PRP	698	9.289	7.457	13.934	1.00	0.00
C								

HETATM10164	H4	PRP	698	10.057	7.363	13.167	1.00	0.00
H								
HETATM10165	O2	PRP	698	9.754	8.361	14.863	1.00	0.00
O								
HETATM10166	H5	PRP	698	10.510	7.902	15.236	1.00	0.00
H								
HETATM10167	C3	PRP	698	7.946	7.780	13.291	1.00	0.00
C								
HETATM10168	H6	PRP	698	7.158	7.939	14.026	1.00	0.00
H								
HETATM10169	H7	PRP	698	7.949	8.749	12.791	1.00	0.00
H								
HETATM10170	H8	PRP	698	7.777	6.886	12.691	1.00	0.00
H								
HETATM10171	O1	PRP	699	27.555	9.822	10.347	1.00	0.00
O								
HETATM10172	H1	PRP	699	27.025	9.550	11.100	1.00	0.00
H								
HETATM10173	C1	PRP	699	28.368	10.968	10.661	1.00	0.00
C								
HETATM10174	H2	PRP	699	27.743	11.798	10.990	1.00	0.00
H								
HETATM10175	H3	PRP	699	28.955	10.712	11.543	1.00	0.00
H								
HETATM10176	C2	PRP	699	29.208	11.487	9.516	1.00	0.00
C								
HETATM10177	H4	PRP	699	29.807	12.362	9.767	1.00	0.00
H								
HETATM10178	O2	PRP	699	28.448	11.807	8.387	1.00	0.00
O								
HETATM10179	H5	PRP	699	28.134	10.956	8.072	1.00	0.00
H								
HETATM10180	C3	PRP	699	30.158	10.389	9.142	1.00	0.00
C								
HETATM10181	H6	PRP	699	30.330	10.234	8.077	1.00	0.00
H								
HETATM10182	H7	PRP	699	31.144	10.600	9.556	1.00	0.00
H								
HETATM10183	H8	PRP	699	29.901	9.440	9.614	1.00	0.00
H								
HETATM10184	O1	PRP	700	25.548	8.111	21.551	1.00	0.00
O								
HETATM10185	H1	PRP	700	26.057	8.925	21.542	1.00	0.00
H								
HETATM10186	C1	PRP	700	25.517	7.472	22.845	1.00	0.00
C								
HETATM10187	H2	PRP	700	25.074	6.477	22.817	1.00	0.00
H								
HETATM10188	H3	PRP	700	26.550	7.356	23.174	1.00	0.00
H								
HETATM10189	C2	PRP	700	24.766	8.446	23.754	1.00	0.00
C								
HETATM10190	H4	PRP	700	23.870	8.745	23.210	1.00	0.00
H								
HETATM10191	O2	PRP	700	25.551	9.628	24.077	1.00	0.00
O								

HETATM10192	H5	PRP	700	24.910	10.305	24.306	1.00	0.00
H								
HETATM10193	C3	PRP	700	24.449	7.791	25.114	1.00	0.00
C								
HETATM10194	H6	PRP	700	24.218	8.520	25.891	1.00	0.00
H								
HETATM10195	H7	PRP	700	23.596	7.112	25.114	1.00	0.00
H								
HETATM10196	H8	PRP	700	25.291	7.233	25.523	1.00	0.00
H								
HETATM10197	O1	PRP	701	22.113	-1.413	25.668	1.00	0.00
O								
HETATM10198	H1	PRP	701	21.434	-0.738	25.740	1.00	0.00
H								
HETATM10199	C1	PRP	701	23.319	-0.689	25.341	1.00	0.00
C								
HETATM10200	H2	PRP	701	23.198	-0.112	24.424	1.00	0.00
H								
HETATM10201	H3	PRP	701	23.554	0.074	26.084	1.00	0.00
H								
HETATM10202	C2	PRP	701	24.503	-1.669	25.182	1.00	0.00
C								
HETATM10203	H4	PRP	701	25.292	-1.234	24.569	1.00	0.00
H								
HETATM10204	O2	PRP	701	23.954	-2.840	24.612	1.00	0.00
O								
HETATM10205	H5	PRP	701	23.076	-2.902	24.998	1.00	0.00
H								
HETATM10206	C3	PRP	701	25.116	-2.012	26.568	1.00	0.00
C								
HETATM10207	H6	PRP	701	24.318	-2.288	27.258	1.00	0.00
H								
HETATM10208	H7	PRP	701	25.915	-2.744	26.451	1.00	0.00
H								
HETATM10209	H8	PRP	701	25.664	-1.131	26.900	1.00	0.00
H								
HETATM10210	O1	PRP	702	23.500	3.745	28.182	1.00	0.00
O								
HETATM10211	H1	PRP	702	24.355	4.178	28.131	1.00	0.00
H								
HETATM10212	C1	PRP	702	23.725	2.437	28.516	1.00	0.00
C								
HETATM10213	H2	PRP	702	24.491	1.995	27.879	1.00	0.00
H								
HETATM10214	H3	PRP	702	24.180	2.501	29.504	1.00	0.00
H								
HETATM10215	C2	PRP	702	22.479	1.502	28.537	1.00	0.00
C								
HETATM10216	H4	PRP	702	22.135	1.283	27.526	1.00	0.00
H								
HETATM10217	O2	PRP	702	21.438	2.249	29.246	1.00	0.00
O								
HETATM10218	H5	PRP	702	21.842	3.118	29.296	1.00	0.00
H								
HETATM10219	C3	PRP	702	22.925	0.232	29.216	1.00	0.00
C								

HETATM10220	H6	PRP	702	23.006	0.377	30.294	1.00	0.00
H								
HETATM10221	H7	PRP	702	22.210	-0.582	29.103	1.00	0.00
H								
HETATM10222	H8	PRP	702	23.859	-0.130	28.788	1.00	0.00
H								
HETATM10223	O1	PRP	703	30.832	11.162	23.240	1.00	0.00
O								
HETATM10224	H1	PRP	703	31.460	11.384	23.932	1.00	0.00
H								
HETATM10225	C1	PRP	703	30.215	9.950	23.388	1.00	0.00
C								
HETATM10226	H2	PRP	703	29.539	9.765	22.554	1.00	0.00
H								
HETATM10227	H3	PRP	703	30.986	9.181	23.453	1.00	0.00
H								
HETATM10228	C2	PRP	703	29.341	9.860	24.649	1.00	0.00
C								
HETATM10229	H4	PRP	703	28.456	10.474	24.482	1.00	0.00
H								
HETATM10230	O2	PRP	703	30.113	10.309	25.773	1.00	0.00
O								
HETATM10231	H5	PRP	703	29.822	11.220	25.854	1.00	0.00
H								
HETATM10232	C3	PRP	703	28.924	8.403	24.995	1.00	0.00
C								
HETATM10233	H6	PRP	703	29.825	7.790	24.952	1.00	0.00
H								
HETATM10234	H7	PRP	703	28.553	8.289	26.013	1.00	0.00
H								
HETATM10235	H8	PRP	703	28.145	8.100	24.295	1.00	0.00
H								
HETATM10236	O1	PRP	704	31.974	15.976	22.731	1.00	0.00
O								
HETATM10237	H1	PRP	704	31.814	15.768	23.655	1.00	0.00
H								
HETATM10238	C1	PRP	704	31.950	14.679	22.119	1.00	0.00
C								
HETATM10239	H2	PRP	704	32.969	14.320	21.973	1.00	0.00
H								
HETATM10240	H3	PRP	704	31.439	14.026	22.826	1.00	0.00
H								
HETATM10241	C2	PRP	704	31.243	14.670	20.774	1.00	0.00
C								
HETATM10242	H4	PRP	704	31.522	15.467	20.086	1.00	0.00
H								
HETATM10243	O2	PRP	704	29.869	14.887	21.003	1.00	0.00
O								
HETATM10244	H5	PRP	704	29.732	15.687	21.517	1.00	0.00
H								
HETATM10245	C3	PRP	704	31.257	13.306	20.012	1.00	0.00
C								
HETATM10246	H6	PRP	704	30.750	12.653	20.722	1.00	0.00
H								
HETATM10247	H7	PRP	704	30.646	13.394	19.114	1.00	0.00
H								

HETATM10248	H8	PRP	704	32.243	12.956	19.705	1.00	0.00
H								
HETATM10249	O1	PRP	705	35.647	10.896	26.452	1.00	0.00
O								
HETATM10250	H1	PRP	705	36.001	10.635	25.598	1.00	0.00
H								
HETATM10251	C1	PRP	705	34.269	11.197	26.359	1.00	0.00
C								
HETATM10252	H2	PRP	705	33.777	10.300	25.984	1.00	0.00
H								
HETATM10253	H3	PRP	705	34.010	11.450	27.388	1.00	0.00
H								
HETATM10254	C2	PRP	705	33.941	12.401	25.488	1.00	0.00
C								
HETATM10255	H4	PRP	705	33.011	12.843	25.845	1.00	0.00
H								
HETATM10256	O2	PRP	705	33.592	11.811	24.268	1.00	0.00
O								
HETATM10257	H5	PRP	705	34.372	11.432	23.856	1.00	0.00
H								
HETATM10258	C3	PRP	705	35.019	13.425	25.176	1.00	0.00
C								
HETATM10259	H6	PRP	705	34.587	14.096	24.434	1.00	0.00
H								
HETATM10260	H7	PRP	705	35.275	13.927	26.109	1.00	0.00
H								
HETATM10261	H8	PRP	705	35.873	12.877	24.777	1.00	0.00
H								
HETATM10262	O1	PRP	706	33.614	26.269	23.416	1.00	0.00
O								
HETATM10263	H1	PRP	706	34.314	26.447	22.783	1.00	0.00
H								
HETATM10264	C1	PRP	706	32.698	27.317	23.163	1.00	0.00
C								
HETATM10265	H2	PRP	706	32.154	26.988	22.278	1.00	0.00
H								
HETATM10266	H3	PRP	706	31.990	27.465	23.979	1.00	0.00
H								
HETATM10267	C2	PRP	706	33.578	28.536	22.854	1.00	0.00
C								
HETATM10268	H4	PRP	706	32.964	29.293	22.365	1.00	0.00
H								
HETATM10269	O2	PRP	706	34.562	28.227	21.862	1.00	0.00
O								
HETATM10270	H5	PRP	706	35.182	28.954	21.771	1.00	0.00
H								
HETATM10271	C3	PRP	706	34.135	29.046	24.191	1.00	0.00
C								
HETATM10272	H6	PRP	706	34.637	28.253	24.746	1.00	0.00
H								
HETATM10273	H7	PRP	706	34.923	29.763	23.961	1.00	0.00
H								
HETATM10274	H8	PRP	706	33.358	29.541	24.773	1.00	0.00
H								
HETATM10275	O1	PRP	707	21.110	2.646	32.104	1.00	0.00
O								

HETATM10276	H1	PRP	707	20.716	2.402	31.263	1.00	0.00
H								
HETATM10277	C1	PRP	707	20.602	3.910	32.501	1.00	0.00
C								
HETATM10278	H2	PRP	707	19.515	3.862	32.561	1.00	0.00
H								
HETATM10279	H3	PRP	707	20.905	4.168	33.515	1.00	0.00
H								
HETATM10280	C2	PRP	707	21.165	5.106	31.649	1.00	0.00
C								
HETATM10281	H4	PRP	707	20.716	5.994	32.095	1.00	0.00
H								
HETATM10282	O2	PRP	707	20.647	5.131	30.378	1.00	0.00
O								
HETATM10283	H5	PRP	707	21.017	5.824	29.825	1.00	0.00
H								
HETATM10284	C3	PRP	707	22.710	5.207	31.625	1.00	0.00
C								
HETATM10285	H6	PRP	707	22.942	5.212	32.689	1.00	0.00
H								
HETATM10286	H7	PRP	707	23.249	4.320	31.294	1.00	0.00
H								
HETATM10287	H8	PRP	707	23.081	6.084	31.093	1.00	0.00
H								
HETATM10288	O1	PRP	708	21.060	-0.560	7.478	1.00	0.00
O								
HETATM10289	H1	PRP	708	20.895	-0.049	6.683	1.00	0.00
H								
HETATM10290	C1	PRP	708	21.537	0.328	8.534	1.00	0.00
C								
HETATM10291	H2	PRP	708	21.896	-0.265	9.375	1.00	0.00
H								
HETATM10292	H3	PRP	708	22.377	0.866	8.095	1.00	0.00
H								
HETATM10293	C2	PRP	708	20.373	1.283	8.927	1.00	0.00
C								
HETATM10294	H4	PRP	708	20.626	1.751	9.878	1.00	0.00
H								
HETATM10295	O2	PRP	708	19.139	0.669	9.112	1.00	0.00
O								
HETATM10296	H5	PRP	708	18.650	0.992	9.873	1.00	0.00
H								
HETATM10297	C3	PRP	708	20.164	2.435	7.850	1.00	0.00
C								
HETATM10298	H6	PRP	708	21.008	3.121	7.922	1.00	0.00
H								
HETATM10299	H7	PRP	708	19.985	1.915	6.909	1.00	0.00
H								
HETATM10300	H8	PRP	708	19.224	2.940	8.075	1.00	0.00
H								
HETATM10301	O1	PRP	709	20.901	5.663	15.917	1.00	0.00
O								
HETATM10302	H1	PRP	709	20.087	5.944	15.491	1.00	0.00
H								
HETATM10303	C1	PRP	709	20.528	4.756	16.915	1.00	0.00
C								

HETATM10304	H2	PRP	709	20.228	3.791	16.507	1.00	0.00
H								
HETATM10305	H3	PRP	709	21.432	4.644	17.515	1.00	0.00
H								
HETATM10306	C2	PRP	709	19.267	5.373	17.663	1.00	0.00
C								
HETATM10307	H4	PRP	709	18.853	4.718	18.429	1.00	0.00
H								
HETATM10308	O2	PRP	709	18.269	5.586	16.680	1.00	0.00
O								
HETATM10309	H5	PRP	709	17.656	4.859	16.545	1.00	0.00
H								
HETATM10310	C3	PRP	709	19.684	6.651	18.351	1.00	0.00
C								
HETATM10311	H6	PRP	709	20.640	6.410	18.816	1.00	0.00
H								
HETATM10312	H7	PRP	709	19.836	7.484	17.665	1.00	0.00
H								
HETATM10313	H8	PRP	709	18.866	6.779	19.059	1.00	0.00
H								
HETATM10314	O1	PRP	710	35.506	9.926	23.141	1.00	0.00
O								
HETATM10315	H1	PRP	710	36.313	9.962	23.660	1.00	0.00
H								
HETATM10316	C1	PRP	710	35.697	9.609	21.746	1.00	0.00
C								
HETATM10317	H2	PRP	710	36.241	8.667	21.683	1.00	0.00
H								
HETATM10318	H3	PRP	710	34.791	9.278	21.238	1.00	0.00
H								
HETATM10319	C2	PRP	710	36.288	10.690	20.849	1.00	0.00
C								
HETATM10320	H4	PRP	710	36.053	10.479	19.806	1.00	0.00
H								
HETATM10321	O2	PRP	710	37.771	10.649	21.093	1.00	0.00
O								
HETATM10322	H5	PRP	710	38.136	9.795	20.851	1.00	0.00
H								
HETATM10323	C3	PRP	710	35.895	12.085	21.191	1.00	0.00
C								
HETATM10324	H6	PRP	710	36.406	12.828	20.578	1.00	0.00
H								
HETATM10325	H7	PRP	710	34.832	12.192	20.976	1.00	0.00
H								
HETATM10326	H8	PRP	710	36.125	12.373	22.217	1.00	0.00
H								
HETATM10327	O1	PRP	711	40.495	18.196	15.584	1.00	0.00
O								
HETATM10328	H1	PRP	711	39.772	17.785	15.106	1.00	0.00
H								
HETATM10329	C1	PRP	711	41.747	17.599	15.539	1.00	0.00
C								
HETATM10330	H2	PRP	711	41.958	17.070	14.610	1.00	0.00
H								
HETATM10331	H3	PRP	711	42.464	18.405	15.697	1.00	0.00
H								

HETATM10332	C2	PRP	711	41.828	16.620	16.655	1.00	0.00
C								
HETATM10333	H4	PRP	711	41.046	15.862	16.603	1.00	0.00
H								
HETATM10334	O2	PRP	711	41.685	17.231	17.870	1.00	0.00
O								
HETATM10335	H5	PRP	711	40.896	17.772	17.784	1.00	0.00
H								
HETATM10336	C3	PRP	711	43.271	16.014	16.596	1.00	0.00
C								
HETATM10337	H6	PRP	711	43.293	15.064	17.130	1.00	0.00
H								
HETATM10338	H7	PRP	711	43.601	15.902	15.563	1.00	0.00
H								
HETATM10339	H8	PRP	711	43.992	16.712	17.021	1.00	0.00
H								
HETATM10340	O1	PRP	712	45.191	11.983	21.808	1.00	0.00
O								
HETATM10341	H1	PRP	712	44.781	12.294	20.998	1.00	0.00
H								
HETATM10342	C1	PRP	712	44.273	11.195	22.504	1.00	0.00
C								
HETATM10343	H2	PRP	712	44.703	10.807	23.427	1.00	0.00
H								
HETATM10344	H3	PRP	712	43.376	11.758	22.761	1.00	0.00
H								
HETATM10345	C2	PRP	712	43.919	10.075	21.591	1.00	0.00
C								
HETATM10346	H4	PRP	712	44.760	9.388	21.495	1.00	0.00
H								
HETATM10347	O2	PRP	712	43.552	10.517	20.269	1.00	0.00
O								
HETATM10348	H5	PRP	712	43.725	9.835	19.616	1.00	0.00
H								
HETATM10349	C3	PRP	712	42.811	9.317	22.170	1.00	0.00
C								
HETATM10350	H6	PRP	712	42.516	8.496	21.518	1.00	0.00
H								
HETATM10351	H7	PRP	712	43.195	8.949	23.122	1.00	0.00
H								
HETATM10352	H8	PRP	712	41.960	9.999	22.183	1.00	0.00
H								
HETATM10353	O1	PRP	713	37.958	22.384	20.333	1.00	0.00
O								
HETATM10354	H1	PRP	713	38.429	22.611	21.138	1.00	0.00
H								
HETATM10355	C1	PRP	713	36.642	21.862	20.519	1.00	0.00
C								
HETATM10356	H2	PRP	713	36.741	20.780	20.613	1.00	0.00
H								
HETATM10357	H3	PRP	713	36.239	22.237	21.460	1.00	0.00
H								
HETATM10358	C2	PRP	713	35.672	22.198	19.383	1.00	0.00
C								
HETATM10359	H4	PRP	713	34.679	21.900	19.720	1.00	0.00
H								

HETATM10360	O2	PRP	713	35.832	21.424	18.211	1.00	0.00
O								
HETATM10361	H5	PRP	713	36.184	20.562	18.443	1.00	0.00
H								
HETATM10362	C3	PRP	713	35.643	23.788	19.171	1.00	0.00
C								
HETATM10363	H6	PRP	713	34.832	24.251	18.607	1.00	0.00
H								
HETATM10364	H7	PRP	713	35.638	24.209	20.176	1.00	0.00
H								
HETATM10365	H8	PRP	713	36.586	23.985	18.662	1.00	0.00
H								
HETATM10366	O1	PRP	714	23.065	7.378	16.663	1.00	0.00
O								
HETATM10367	H1	PRP	714	22.524	6.642	16.367	1.00	0.00
H								
HETATM10368	C1	PRP	714	23.950	6.945	17.677	1.00	0.00
C								
HETATM10369	H2	PRP	714	23.311	6.749	18.538	1.00	0.00
H								
HETATM10370	H3	PRP	714	24.456	6.022	17.393	1.00	0.00
H								
HETATM10371	C2	PRP	714	24.949	8.004	18.197	1.00	0.00
C								
HETATM10372	H4	PRP	714	25.288	7.712	19.191	1.00	0.00
H								
HETATM10373	O2	PRP	714	24.363	9.328	18.194	1.00	0.00
O								
HETATM10374	H5	PRP	714	23.484	9.194	17.833	1.00	0.00
H								
HETATM10375	C3	PRP	714	26.177	8.089	17.246	1.00	0.00
C								
HETATM10376	H6	PRP	714	25.780	8.527	16.331	1.00	0.00
H								
HETATM10377	H7	PRP	714	27.012	8.618	17.707	1.00	0.00
H								
HETATM10378	H8	PRP	714	26.565	7.077	17.125	1.00	0.00
H								
HETATM10379	O1	PRP	715	36.783	6.179	23.308	1.00	0.00
O								
HETATM10380	H1	PRP	715	37.251	5.597	23.911	1.00	0.00
H								
HETATM10381	C1	PRP	715	35.428	5.833	23.129	1.00	0.00
C								
HETATM10382	H2	PRP	715	35.067	6.081	22.131	1.00	0.00
H								
HETATM10383	H3	PRP	715	35.251	4.785	23.371	1.00	0.00
H								
HETATM10384	C2	PRP	715	34.650	6.697	24.207	1.00	0.00
C								
HETATM10385	H4	PRP	715	35.019	7.722	24.211	1.00	0.00
H								
HETATM10386	O2	PRP	715	34.779	6.048	25.429	1.00	0.00
O								
HETATM10387	H5	PRP	715	35.337	6.568	26.012	1.00	0.00
H								

HETATM10388	C3	PRP	715	33.074	6.586	23.969	1.00	0.00
C								
HETATM10389	H6	PRP	715	32.664	5.631	24.295	1.00	0.00
H								
HETATM10390	H7	PRP	715	32.640	7.357	24.607	1.00	0.00
H								
HETATM10391	H8	PRP	715	32.934	6.885	22.930	1.00	0.00
H								
HETATM10392	O1	PRP	716	32.132	5.811	19.196	1.00	0.00
O								
HETATM10393	H1	PRP	716	31.852	4.893	19.198	1.00	0.00
H								
HETATM10394	C1	PRP	716	33.432	5.992	19.760	1.00	0.00
C								
HETATM10395	H2	PRP	716	33.269	6.656	20.609	1.00	0.00
H								
HETATM10396	H3	PRP	716	33.969	5.110	20.110	1.00	0.00
H								
HETATM10397	C2	PRP	716	34.378	6.716	18.789	1.00	0.00
C								
HETATM10398	H4	PRP	716	33.993	7.722	18.624	1.00	0.00
H								
HETATM10399	O2	PRP	716	34.183	6.101	17.528	1.00	0.00
O								
HETATM10400	H5	PRP	716	33.249	5.909	17.416	1.00	0.00
H								
HETATM10401	C3	PRP	716	35.855	6.837	19.223	1.00	0.00
C								
HETATM10402	H6	PRP	716	36.413	7.421	18.491	1.00	0.00
H								
HETATM10403	H7	PRP	716	35.910	7.281	20.217	1.00	0.00
H								
HETATM10404	H8	PRP	716	36.314	5.848	19.220	1.00	0.00
H								
HETATM10405	O1	PRP	717	39.544	18.753	23.156	1.00	0.00
O								
HETATM10406	H1	PRP	717	39.906	18.393	23.969	1.00	0.00
H								
HETATM10407	C1	PRP	717	40.301	19.930	22.772	1.00	0.00
C								
HETATM10408	H2	PRP	717	39.850	20.454	21.929	1.00	0.00
H								
HETATM10409	H3	PRP	717	40.362	20.678	23.562	1.00	0.00
H								
HETATM10410	C2	PRP	717	41.618	19.421	22.212	1.00	0.00
C								
HETATM10411	H4	PRP	717	42.239	20.233	21.833	1.00	0.00
H								
HETATM10412	O2	PRP	717	41.415	18.605	21.075	1.00	0.00
O								
HETATM10413	H5	PRP	717	40.773	17.924	21.289	1.00	0.00
H								
HETATM10414	C3	PRP	717	42.327	18.537	23.190	1.00	0.00
C								
HETATM10415	H6	PRP	717	42.160	17.478	22.994	1.00	0.00
H								

HETATM10416	H7	PRP	717	43.398	18.677	23.049	1.00	0.00
H								
HETATM10417	H8	PRP	717	42.023	18.764	24.212	1.00	0.00
H								
HETATM10418	O1	PRP	718	44.623	12.790	31.176	1.00	0.00
O								
HETATM10419	H1	PRP	718	45.282	13.463	30.991	1.00	0.00
H								
HETATM10420	C1	PRP	718	44.915	11.987	32.256	1.00	0.00
C								
HETATM10421	H2	PRP	718	45.566	11.183	31.913	1.00	0.00
H								
HETATM10422	H3	PRP	718	45.419	12.644	32.966	1.00	0.00
H								
HETATM10423	C2	PRP	718	43.713	11.243	32.801	1.00	0.00
C								
HETATM10424	H4	PRP	718	43.291	10.564	32.060	1.00	0.00
H								
HETATM10425	O2	PRP	718	42.768	12.200	33.304	1.00	0.00
O								
HETATM10426	H5	PRP	718	42.838	13.005	32.786	1.00	0.00
H								
HETATM10427	C3	PRP	718	44.219	10.504	33.990	1.00	0.00
C								
HETATM10428	H6	PRP	718	45.006	11.027	34.534	1.00	0.00
H								
HETATM10429	H7	PRP	718	43.434	10.090	34.623	1.00	0.00
H								
HETATM10430	H8	PRP	718	44.741	9.624	33.614	1.00	0.00
H								
HETATM10431	O1	PRP	719	38.256	3.302	19.108	1.00	0.00
O								
HETATM10432	H1	PRP	719	37.708	2.541	18.905	1.00	0.00
H								
HETATM10433	C1	PRP	719	38.149	3.483	20.477	1.00	0.00
C								
HETATM10434	H2	PRP	719	39.009	4.034	20.860	1.00	0.00
H								
HETATM10435	H3	PRP	719	37.308	4.074	20.840	1.00	0.00
H								
HETATM10436	C2	PRP	719	37.897	2.136	21.154	1.00	0.00
C								
HETATM10437	H4	PRP	719	38.555	1.325	20.841	1.00	0.00
H								
HETATM10438	O2	PRP	719	36.622	1.723	20.739	1.00	0.00
O								
HETATM10439	H5	PRP	719	36.540	1.327	19.868	1.00	0.00
H								
HETATM10440	C3	PRP	719	38.054	2.218	22.700	1.00	0.00
C								
HETATM10441	H6	PRP	719	39.094	2.522	22.815	1.00	0.00
H								
HETATM10442	H7	PRP	719	37.320	2.954	23.031	1.00	0.00
H								
HETATM10443	H8	PRP	719	37.904	1.236	23.149	1.00	0.00
H								

HETATM10444	O1	PRP	720	35.440	3.143	30.089	1.00	0.00
O								
HETATM10445	H1	PRP	720	35.381	3.622	30.919	1.00	0.00
H								
HETATM10446	C1	PRP	720	34.768	1.901	30.078	1.00	0.00
C								
HETATM10447	H2	PRP	720	33.688	2.022	30.158	1.00	0.00
H								
HETATM10448	H3	PRP	720	34.935	1.374	29.138	1.00	0.00
H								
HETATM10449	C2	PRP	720	35.119	1.055	31.308	1.00	0.00
C								
HETATM10450	H4	PRP	720	34.625	0.083	31.285	1.00	0.00
H								
HETATM10451	O2	PRP	720	34.750	1.717	32.517	1.00	0.00
O								
HETATM10452	H5	PRP	720	33.798	1.834	32.468	1.00	0.00
H								
HETATM10453	C3	PRP	720	36.636	0.690	31.295	1.00	0.00
C								
HETATM10454	H6	PRP	720	36.765	0.175	32.247	1.00	0.00
H								
HETATM10455	H7	PRP	720	36.922	0.062	30.451	1.00	0.00
H								
HETATM10456	H8	PRP	720	37.229	1.589	31.464	1.00	0.00
H								
HETATM10457	O1	PRP	721	33.286	3.441	25.658	1.00	0.00
O								
HETATM10458	H1	PRP	721	33.774	4.268	25.678	1.00	0.00
H								
HETATM10459	C1	PRP	721	34.206	2.446	26.100	1.00	0.00
C								
HETATM10460	H2	PRP	721	35.256	2.739	26.072	1.00	0.00
H								
HETATM10461	H3	PRP	721	34.023	2.462	27.175	1.00	0.00
H								
HETATM10462	C2	PRP	721	34.083	1.092	25.476	1.00	0.00
C								
HETATM10463	H4	PRP	721	34.554	1.143	24.494	1.00	0.00
H								
HETATM10464	O2	PRP	721	32.730	0.507	25.335	1.00	0.00
O								
HETATM10465	H5	PRP	721	32.221	1.180	24.878	1.00	0.00
H								
HETATM10466	C3	PRP	721	34.772	0.120	26.411	1.00	0.00
C								
HETATM10467	H6	PRP	721	34.257	0.098	27.371	1.00	0.00
H								
HETATM10468	H7	PRP	721	34.914	-0.918	26.111	1.00	0.00
H								
HETATM10469	H8	PRP	721	35.766	0.531	26.590	1.00	0.00
H								
HETATM10470	O1	PRP	722	21.753	-6.155	20.597	1.00	0.00
O								
HETATM10471	H1	PRP	722	21.855	-6.049	21.546	1.00	0.00
H								

HETATM10472	C1	PRP	722	22.909	-7.067	20.238	1.00	0.00
C								
HETATM10473	H2	PRP	722	23.596	-6.511	19.601	1.00	0.00
H								
HETATM10474	H3	PRP	722	23.313	-7.480	21.162	1.00	0.00
H								
HETATM10475	C2	PRP	722	22.347	-8.294	19.467	1.00	0.00
C								
HETATM10476	H4	PRP	722	23.112	-8.806	18.883	1.00	0.00
H								
HETATM10477	O2	PRP	722	21.362	-7.823	18.571	1.00	0.00
O								
HETATM10478	H5	PRP	722	21.025	-7.027	18.991	1.00	0.00
H								
HETATM10479	C3	PRP	722	21.661	-9.309	20.348	1.00	0.00
C								
HETATM10480	H6	PRP	722	21.229	-10.003	19.626	1.00	0.00
H								
HETATM10481	H7	PRP	722	22.409	-9.846	20.932	1.00	0.00
H								
HETATM10482	H8	PRP	722	20.900	-8.815	20.951	1.00	0.00
H								
HETATM10483	O1	PRP	723	26.967	3.524	20.685	1.00	0.00
O								
HETATM10484	H1	PRP	723	26.161	3.015	20.800	1.00	0.00
H								
HETATM10485	C1	PRP	723	26.720	4.870	21.180	1.00	0.00
C								
HETATM10486	H2	PRP	723	25.916	5.277	20.566	1.00	0.00
H								
HETATM10487	H3	PRP	723	26.448	4.825	22.234	1.00	0.00
H								
HETATM10488	C2	PRP	723	27.973	5.714	21.124	1.00	0.00
C								
HETATM10489	H4	PRP	723	27.745	6.733	21.435	1.00	0.00
H								
HETATM10490	O2	PRP	723	28.258	5.754	19.759	1.00	0.00
O								
HETATM10491	H5	PRP	723	28.248	4.840	19.467	1.00	0.00
H								
HETATM10492	C3	PRP	723	29.146	5.158	21.946	1.00	0.00
C								
HETATM10493	H6	PRP	723	29.421	4.138	21.681	1.00	0.00
H								
HETATM10494	H7	PRP	723	30.068	5.603	21.572	1.00	0.00
H								
HETATM10495	H8	PRP	723	29.006	5.277	23.021	1.00	0.00
H								
HETATM10496	O1	PRP	724	16.502	1.223	19.269	1.00	0.00
O								
HETATM10497	H1	PRP	724	15.975	0.424	19.346	1.00	0.00
H								
HETATM10498	C1	PRP	724	16.643	1.797	20.617	1.00	0.00
C								
HETATM10499	H2	PRP	724	16.301	1.044	21.328	1.00	0.00
H								

HETATM10500	H3	PRP	724	17.664	2.176	20.660	1.00	0.00
H								
HETATM10501	C2	PRP	724	15.749	3.057	20.795	1.00	0.00
C								
HETATM10502	H4	PRP	724	14.743	2.789	20.474	1.00	0.00
H								
HETATM10503	O2	PRP	724	16.138	4.190	20.063	1.00	0.00
O								
HETATM10504	H5	PRP	724	16.137	3.933	19.138	1.00	0.00
H								
HETATM10505	C3	PRP	724	15.731	3.383	22.307	1.00	0.00
C								
HETATM10506	H6	PRP	724	15.311	2.494	22.777	1.00	0.00
H								
HETATM10507	H7	PRP	724	16.695	3.691	22.714	1.00	0.00
H								
HETATM10508	H8	PRP	724	14.998	4.176	22.456	1.00	0.00
H								
HETATM10509	O1	PRP	725	32.938	9.568	12.119	1.00	0.00
O								
HETATM10510	H1	PRP	725	32.215	9.325	12.701	1.00	0.00
H								
HETATM10511	C1	PRP	725	34.105	8.803	12.581	1.00	0.00
C								
HETATM10512	H2	PRP	725	34.670	8.306	11.792	1.00	0.00
H								
HETATM10513	H3	PRP	725	34.818	9.512	13.002	1.00	0.00
H								
HETATM10514	C2	PRP	725	33.743	7.677	13.619	1.00	0.00
C								
HETATM10515	H4	PRP	725	34.653	7.086	13.726	1.00	0.00
H								
HETATM10516	O2	PRP	725	32.705	6.847	13.067	1.00	0.00
O								
HETATM10517	H5	PRP	725	32.052	6.775	13.767	1.00	0.00
H								
HETATM10518	C3	PRP	725	33.349	8.133	15.085	1.00	0.00
C								
HETATM10519	H6	PRP	725	34.213	8.492	15.644	1.00	0.00
H								
HETATM10520	H7	PRP	725	32.687	8.984	14.928	1.00	0.00
H								
HETATM10521	H8	PRP	725	32.833	7.358	15.652	1.00	0.00
H								
HETATM10522	O1	PRP	726	35.349	8.131	27.423	1.00	0.00
O								
HETATM10523	H1	PRP	726	35.666	9.016	27.619	1.00	0.00
H								
HETATM10524	C1	PRP	726	35.469	7.464	28.644	1.00	0.00
C								
HETATM10525	H2	PRP	726	34.567	7.609	29.238	1.00	0.00
H								
HETATM10526	H3	PRP	726	35.696	6.402	28.547	1.00	0.00
H								
HETATM10527	C2	PRP	726	36.666	8.076	29.481	1.00	0.00
C								

HETATM10528	H4	PRP	726	36.701	7.727	30.513	1.00	0.00
H								
HETATM10529	O2	PRP	726	36.612	9.494	29.561	1.00	0.00
O								
HETATM10530	H5	PRP	726	36.848	9.751	30.456	1.00	0.00
H								
HETATM10531	C3	PRP	726	38.039	7.751	28.904	1.00	0.00
C								
HETATM10532	H6	PRP	726	38.057	7.941	27.831	1.00	0.00
H								
HETATM10533	H7	PRP	726	38.734	8.474	29.331	1.00	0.00
H								
HETATM10534	H8	PRP	726	38.351	6.723	29.087	1.00	0.00
H								
HETATM10535	O1	PRP	727	40.682	25.704	20.942	1.00	0.00
O								
HETATM10536	H1	PRP	727	40.420	25.593	21.859	1.00	0.00
H								
HETATM10537	C1	PRP	727	40.734	24.411	20.370	1.00	0.00
C								
HETATM10538	H2	PRP	727	39.920	24.167	19.687	1.00	0.00
H								
HETATM10539	H3	PRP	727	41.643	24.356	19.770	1.00	0.00
H								
HETATM10540	C2	PRP	727	40.914	23.308	21.503	1.00	0.00
C								
HETATM10541	H4	PRP	727	41.057	22.352	21.000	1.00	0.00
H								
HETATM10542	O2	PRP	727	39.805	23.197	22.336	1.00	0.00
O								
HETATM10543	H5	PRP	727	39.915	23.803	23.073	1.00	0.00
H								
HETATM10544	C3	PRP	727	42.234	23.486	22.236	1.00	0.00
C								
HETATM10545	H6	PRP	727	43.077	23.157	21.628	1.00	0.00
H								
HETATM10546	H7	PRP	727	42.407	24.538	22.460	1.00	0.00
H								
HETATM10547	H8	PRP	727	42.254	22.933	23.175	1.00	0.00
H								
HETATM10548	O1	PRP	728	34.036	28.745	12.730	1.00	0.00
O								
HETATM10549	H1	PRP	728	33.746	28.887	11.826	1.00	0.00
H								
HETATM10550	C1	PRP	728	33.154	29.299	13.579	1.00	0.00
C								
HETATM10551	H2	PRP	728	33.317	28.922	14.589	1.00	0.00
H								
HETATM10552	H3	PRP	728	33.219	30.387	13.538	1.00	0.00
H								
HETATM10553	C2	PRP	728	31.777	28.895	13.035	1.00	0.00
C								
HETATM10554	H4	PRP	728	31.866	27.941	12.514	1.00	0.00
H								
HETATM10555	O2	PRP	728	31.407	29.840	12.039	1.00	0.00
O								

HETATM10556	H5	PRP	728	31.453	30.721	12.416	1.00	0.00
H								
HETATM10557	C3	PRP	728	30.660	28.995	14.074	1.00	0.00
C								
HETATM10558	H6	PRP	728	30.853	28.451	14.999	1.00	0.00
H								
HETATM10559	H7	PRP	728	30.368	30.001	14.376	1.00	0.00
H								
HETATM10560	H8	PRP	728	29.769	28.533	13.650	1.00	0.00
H								
HETATM10561	O1	PRP	729	30.129	1.059	17.956	1.00	0.00
O								
HETATM10562	H1	PRP	729	29.175	1.061	17.850	1.00	0.00
H								
HETATM10563	C1	PRP	729	30.805	1.952	17.108	1.00	0.00
C								
HETATM10564	H2	PRP	729	31.867	1.718	17.176	1.00	0.00
H								
HETATM10565	H3	PRP	729	30.367	1.814	16.119	1.00	0.00
H								
HETATM10566	C2	PRP	729	30.772	3.427	17.571	1.00	0.00
C								
HETATM10567	H4	PRP	729	31.657	3.908	17.157	1.00	0.00
H								
HETATM10568	O2	PRP	729	31.017	3.463	18.943	1.00	0.00
O								
HETATM10569	H5	PRP	729	30.531	2.745	19.356	1.00	0.00
H								
HETATM10570	C3	PRP	729	29.605	4.324	17.191	1.00	0.00
C								
HETATM10571	H6	PRP	729	29.800	5.382	17.370	1.00	0.00
H								
HETATM10572	H7	PRP	729	29.409	4.337	16.118	1.00	0.00
H								
HETATM10573	H8	PRP	729	28.693	4.061	17.726	1.00	0.00
H								
HETATM10574	O1	PRP	730	29.689	15.777	9.821	1.00	0.00
O								
HETATM10575	H1	PRP	730	29.610	15.502	8.904	1.00	0.00
H								
HETATM10576	C1	PRP	730	28.531	15.142	10.360	1.00	0.00
C								
HETATM10577	H2	PRP	730	27.686	15.788	10.121	1.00	0.00
H								
HETATM10578	H3	PRP	730	28.319	14.237	9.791	1.00	0.00
H								
HETATM10579	C2	PRP	730	28.512	14.924	11.895	1.00	0.00
C								
HETATM10580	H4	PRP	730	28.941	15.772	12.429	1.00	0.00
H								
HETATM10581	O2	PRP	730	29.282	13.832	12.199	1.00	0.00
O								
HETATM10582	H5	PRP	730	30.138	14.048	11.822	1.00	0.00
H								
HETATM10583	C3	PRP	730	27.152	14.746	12.516	1.00	0.00
C								

HETATM10584	H6	PRP	730	26.581	15.664	12.656	1.00	0.00
H								
HETATM10585	H7	PRP	730	26.485	14.157	11.888	1.00	0.00
H								
HETATM10586	H8	PRP	730	27.243	14.187	13.447	1.00	0.00
H								
HETATM10587	O1	PRP	731	27.099	15.978	6.390	1.00	0.00
O								
HETATM10588	H1	PRP	731	27.460	15.191	6.805	1.00	0.00
H								
HETATM10589	C1	PRP	731	28.100	16.943	6.374	1.00	0.00
C								
HETATM10590	H2	PRP	731	27.999	17.544	5.471	1.00	0.00
H								
HETATM10591	H3	PRP	731	28.062	17.442	7.343	1.00	0.00
H								
HETATM10592	C2	PRP	731	29.449	16.075	6.283	1.00	0.00
C								
HETATM10593	H4	PRP	731	29.570	15.666	5.280	1.00	0.00
H								
HETATM10594	O2	PRP	731	29.343	15.036	7.237	1.00	0.00
O								
HETATM10595	H5	PRP	731	29.947	14.345	6.954	1.00	0.00
H								
HETATM10596	C3	PRP	731	30.654	16.939	6.723	1.00	0.00
C								
HETATM10597	H6	PRP	731	30.654	17.070	7.805	1.00	0.00
H								
HETATM10598	H7	PRP	731	31.572	16.447	6.401	1.00	0.00
H								
HETATM10599	H8	PRP	731	30.699	17.877	6.168	1.00	0.00
H								
HETATM10600	O1	PRP	732	34.851	11.304	16.589	1.00	0.00
O								
HETATM10601	H1	PRP	732	34.435	11.798	15.879	1.00	0.00
H								
HETATM10602	C1	PRP	732	35.442	12.327	17.310	1.00	0.00
C								
HETATM10603	H2	PRP	732	35.619	12.089	18.359	1.00	0.00
H								
HETATM10604	H3	PRP	732	36.421	12.626	16.935	1.00	0.00
H								
HETATM10605	C2	PRP	732	34.431	13.433	17.191	1.00	0.00
C								
HETATM10606	H4	PRP	732	33.460	13.080	17.538	1.00	0.00
H								
HETATM10607	O2	PRP	732	34.527	13.703	15.869	1.00	0.00
O								
HETATM10608	H5	PRP	732	33.803	14.320	15.738	1.00	0.00
H								
HETATM10609	C3	PRP	732	34.900	14.684	17.837	1.00	0.00
C								
HETATM10610	H6	PRP	732	34.770	14.701	18.919	1.00	0.00
H								
HETATM10611	H7	PRP	732	35.977	14.776	17.696	1.00	0.00
H								

HETATM10612	H8	PRP	732	34.293	15.527	17.508	1.00	0.00
H								
HETATM10613	O1	PRP	733	38.329	20.196	17.985	1.00	0.00
O								
HETATM10614	H1	PRP	733	38.727	20.500	18.804	1.00	0.00
H								
HETATM10615	C1	PRP	733	39.149	20.628	16.895	1.00	0.00
C								
HETATM10616	H2	PRP	733	40.158	20.214	16.913	1.00	0.00
H								
HETATM10617	H3	PRP	733	38.573	20.511	15.977	1.00	0.00
H								
HETATM10618	C2	PRP	733	39.285	22.123	17.157	1.00	0.00
C								
HETATM10619	H4	PRP	733	39.514	22.321	18.204	1.00	0.00
H								
HETATM10620	O2	PRP	733	38.026	22.711	16.887	1.00	0.00
O								
HETATM10621	H5	PRP	733	37.321	22.283	17.378	1.00	0.00
H								
HETATM10622	C3	PRP	733	40.398	22.657	16.340	1.00	0.00
C								
HETATM10623	H6	PRP	733	41.314	22.300	16.812	1.00	0.00
H								
HETATM10624	H7	PRP	733	40.372	22.332	15.300	1.00	0.00
H								
HETATM10625	H8	PRP	733	40.379	23.738	16.472	1.00	0.00
H								
HETATM10626	O1	PRP	734	46.436	31.251	11.170	1.00	0.00
O								
HETATM10627	H1	PRP	734	47.201	31.026	10.635	1.00	0.00
H								
HETATM10628	C1	PRP	734	45.292	30.898	10.458	1.00	0.00
C								
HETATM10629	H2	PRP	734	45.531	30.735	9.407	1.00	0.00
H								
HETATM10630	H3	PRP	734	44.849	29.999	10.888	1.00	0.00
H								
HETATM10631	C2	PRP	734	44.222	31.998	10.579	1.00	0.00
C								
HETATM10632	H4	PRP	734	44.268	32.763	9.804	1.00	0.00
H								
HETATM10633	O2	PRP	734	44.180	32.602	11.907	1.00	0.00
O								
HETATM10634	H5	PRP	734	45.110	32.787	12.058	1.00	0.00
H								
HETATM10635	C3	PRP	734	42.927	31.234	10.387	1.00	0.00
C								
HETATM10636	H6	PRP	734	42.089	31.927	10.457	1.00	0.00
H								
HETATM10637	H7	PRP	734	42.904	30.754	9.409	1.00	0.00
H								
HETATM10638	H8	PRP	734	42.859	30.437	11.128	1.00	0.00
H								
HETATM10639	O1	PRP	735	41.931	42.104	4.141	1.00	0.00
O								

HETATM10640	H1	PRP	735	42.838	42.104	4.454	1.00	0.00
H								
HETATM10641	C1	PRP	735	41.998	41.839	2.709	1.00	0.00
C								
HETATM10642	H2	PRP	735	41.141	42.158	2.115	1.00	0.00
H								
HETATM10643	H3	PRP	735	42.733	42.513	2.270	1.00	0.00
H								
HETATM10644	C2	PRP	735	42.377	40.345	2.324	1.00	0.00
C								
HETATM10645	H4	PRP	735	42.118	40.225	1.272	1.00	0.00
H								
HETATM10646	O2	PRP	735	41.460	39.508	3.030	1.00	0.00
O								
HETATM10647	H5	PRP	735	41.792	39.608	3.925	1.00	0.00
H								
HETATM10648	C3	PRP	735	43.759	39.927	2.721	1.00	0.00
C								
HETATM10649	H6	PRP	735	43.906	39.769	3.790	1.00	0.00
H								
HETATM10650	H7	PRP	735	43.987	38.973	2.247	1.00	0.00
H								
HETATM10651	H8	PRP	735	44.439	40.682	2.326	1.00	0.00
H								
HETATM10652	O1	PRP	736	21.215	-5.221	8.102	1.00	0.00
O								
HETATM10653	H1	PRP	736	21.844	-5.632	8.699	1.00	0.00
H								
HETATM10654	C1	PRP	736	21.964	-4.519	7.086	1.00	0.00
C								
HETATM10655	H2	PRP	736	22.449	-5.268	6.461	1.00	0.00
H								
HETATM10656	H3	PRP	736	21.208	-3.963	6.531	1.00	0.00
H								
HETATM10657	C2	PRP	736	23.074	-3.619	7.735	1.00	0.00
C								
HETATM10658	H4	PRP	736	23.782	-4.289	8.222	1.00	0.00
H								
HETATM10659	O2	PRP	736	22.485	-2.710	8.661	1.00	0.00
O								
HETATM10660	H5	PRP	736	21.827	-2.234	8.150	1.00	0.00
H								
HETATM10661	C3	PRP	736	23.888	-2.976	6.636	1.00	0.00
C								
HETATM10662	H6	PRP	736	23.288	-2.094	6.410	1.00	0.00
H								
HETATM10663	H7	PRP	736	24.818	-2.594	7.058	1.00	0.00
H								
HETATM10664	H8	PRP	736	23.991	-3.589	5.740	1.00	0.00
H								
HETATM10665	O1	PRP	737	15.956	6.585	13.051	1.00	0.00
O								
HETATM10666	H1	PRP	737	16.460	7.374	13.263	1.00	0.00
H								
HETATM10667	C1	PRP	737	16.539	5.539	13.836	1.00	0.00
C								

HETATM10668	H2	PRP	737	16.468	5.866	14.874	1.00	0.00
H								
HETATM10669	H3	PRP	737	16.033	4.587	13.677	1.00	0.00
H								
HETATM10670	C2	PRP	737	18.032	5.361	13.363	1.00	0.00
C								
HETATM10671	H4	PRP	737	18.457	4.468	13.822	1.00	0.00
H								
HETATM10672	O2	PRP	737	18.879	6.413	13.751	1.00	0.00
O								
HETATM10673	H5	PRP	737	18.332	7.176	13.549	1.00	0.00
H								
HETATM10674	C3	PRP	737	18.211	5.197	11.832	1.00	0.00
C								
HETATM10675	H6	PRP	737	17.465	4.515	11.426	1.00	0.00
H								
HETATM10676	H7	PRP	737	18.256	6.169	11.341	1.00	0.00
H								
HETATM10677	H8	PRP	737	19.183	4.754	11.612	1.00	0.00
H								
HETATM10678	O1	PRP	738	11.685	7.367	32.239	1.00	0.00
O								
HETATM10679	H1	PRP	738	11.052	6.645	32.234	1.00	0.00
H								
HETATM10680	C1	PRP	738	12.967	6.749	32.591	1.00	0.00
C								
HETATM10681	H2	PRP	738	13.686	7.525	32.854	1.00	0.00
H								
HETATM10682	H3	PRP	738	12.767	6.181	33.499	1.00	0.00
H								
HETATM10683	C2	PRP	738	13.521	5.880	31.460	1.00	0.00
C								
HETATM10684	H4	PRP	738	13.750	6.496	30.590	1.00	0.00
H								
HETATM10685	O2	PRP	738	12.546	4.863	31.083	1.00	0.00
O								
HETATM10686	H5	PRP	738	12.376	4.343	31.872	1.00	0.00
H								
HETATM10687	C3	PRP	738	14.822	5.176	31.964	1.00	0.00
C								
HETATM10688	H6	PRP	738	14.544	4.449	32.727	1.00	0.00
H								
HETATM10689	H7	PRP	738	15.199	4.569	31.142	1.00	0.00
H								
HETATM10690	H8	PRP	738	15.586	5.875	32.306	1.00	0.00
H								
HETATM10691	O1	PRP	739	53.968	10.679	24.348	1.00	0.00
O								
HETATM10692	H1	PRP	739	53.796	11.535	24.748	1.00	0.00
H								
HETATM10693	C1	PRP	739	54.185	9.765	25.389	1.00	0.00
C								
HETATM10694	H2	PRP	739	54.841	9.030	24.923	1.00	0.00
H								
HETATM10695	H3	PRP	739	54.664	10.300	26.209	1.00	0.00
H								

HETATM10696	C2	PRP	739	52.912	9.198	26.017	1.00	0.00
C								
HETATM10697	H4	PRP	739	53.184	8.439	26.751	1.00	0.00
H								
HETATM10698	O2	PRP	739	52.159	8.698	24.934	1.00	0.00
O								
HETATM10699	H5	PRP	739	51.414	8.265	25.358	1.00	0.00
H								
HETATM10700	C3	PRP	739	52.132	10.241	26.859	1.00	0.00
C								
HETATM10701	H6	PRP	739	51.666	11.009	26.242	1.00	0.00
H								
HETATM10702	H7	PRP	739	51.441	9.733	27.531	1.00	0.00
H								
HETATM10703	H8	PRP	739	52.836	10.733	27.531	1.00	0.00
H								
HETATM10704	O1	PRP	740	43.420	32.345	14.719	1.00	0.00
O								
HETATM10705	H1	PRP	740	43.112	32.725	13.893	1.00	0.00
H								
HETATM10706	C1	PRP	740	43.042	30.967	14.610	1.00	0.00
C								
HETATM10707	H2	PRP	740	42.022	30.839	14.973	1.00	0.00
H								
HETATM10708	H3	PRP	740	43.131	30.600	13.588	1.00	0.00
H								
HETATM10709	C2	PRP	740	44.104	30.142	15.318	1.00	0.00
C								
HETATM10710	H4	PRP	740	43.978	30.471	16.349	1.00	0.00
H								
HETATM10711	O2	PRP	740	45.461	30.341	14.854	1.00	0.00
O								
HETATM10712	H5	PRP	740	45.651	31.278	14.775	1.00	0.00
H								
HETATM10713	C3	PRP	740	43.772	28.640	15.131	1.00	0.00
C								
HETATM10714	H6	PRP	740	42.739	28.497	15.450	1.00	0.00
H								
HETATM10715	H7	PRP	740	43.842	28.292	14.101	1.00	0.00
H								
HETATM10716	H8	PRP	740	44.509	28.168	15.781	1.00	0.00
H								
HETATM10717	O1	PRP	741	37.190	27.229	1.459	1.00	0.00
O								
HETATM10718	H1	PRP	741	36.282	27.262	1.148	1.00	0.00
H								
HETATM10719	C1	PRP	741	37.077	27.944	2.654	1.00	0.00
C								
HETATM10720	H2	PRP	741	37.673	27.409	3.393	1.00	0.00
H								
HETATM10721	H3	PRP	741	37.584	28.907	2.586	1.00	0.00
H								
HETATM10722	C2	PRP	741	35.593	28.054	3.096	1.00	0.00
C								
HETATM10723	H4	PRP	741	35.108	27.084	2.988	1.00	0.00
H								

HETATM10724	O2	PRP	741	34.987	28.979	2.284	1.00	0.00
O								
HETATM10725	H5	PRP	741	34.043	28.852	2.396	1.00	0.00
H								
HETATM10726	C3	PRP	741	35.523	28.553	4.539	1.00	0.00
C								
HETATM10727	H6	PRP	741	36.103	27.941	5.230	1.00	0.00
H								
HETATM10728	H7	PRP	741	35.877	29.584	4.515	1.00	0.00
H								
HETATM10729	H8	PRP	741	34.485	28.525	4.872	1.00	0.00
H								
HETATM10730	O1	PRP	742	36.789	37.707	22.040	1.00	0.00
O								
HETATM10731	H1	PRP	742	37.353	38.356	21.613	1.00	0.00
H								
HETATM10732	C1	PRP	742	36.766	36.607	21.161	1.00	0.00
C								
HETATM10733	H2	PRP	742	36.327	35.798	21.744	1.00	0.00
H								
HETATM10734	H3	PRP	742	36.046	36.922	20.406	1.00	0.00
H								
HETATM10735	C2	PRP	742	38.058	36.169	20.518	1.00	0.00
C								
HETATM10736	H4	PRP	742	38.934	36.230	21.163	1.00	0.00
H								
HETATM10737	O2	PRP	742	38.367	37.144	19.529	1.00	0.00
O								
HETATM10738	H5	PRP	742	39.094	36.838	18.982	1.00	0.00
H								
HETATM10739	C3	PRP	742	37.844	34.833	19.827	1.00	0.00
C								
HETATM10740	H6	PRP	742	36.998	34.880	19.142	1.00	0.00
H								
HETATM10741	H7	PRP	742	38.616	34.425	19.175	1.00	0.00
H								
HETATM10742	H8	PRP	742	37.432	34.102	20.523	1.00	0.00
H								
HETATM10743	O1	PRP	743	28.610	7.907	6.951	1.00	0.00
O								
HETATM10744	H1	PRP	743	29.449	7.897	7.418	1.00	0.00
H								
HETATM10745	C1	PRP	743	27.533	7.605	7.871	1.00	0.00
C								
HETATM10746	H2	PRP	743	26.920	8.462	8.151	1.00	0.00
H								
HETATM10747	H3	PRP	743	26.840	6.880	7.444	1.00	0.00
H								
HETATM10748	C2	PRP	743	27.952	6.882	9.167	1.00	0.00
C								
HETATM10749	H4	PRP	743	28.539	7.590	9.752	1.00	0.00
H								
HETATM10750	O2	PRP	743	28.708	5.746	8.873	1.00	0.00
O								
HETATM10751	H5	PRP	743	28.428	4.955	9.340	1.00	0.00
H								

HETATM10752	C3	PRP	743	26.769	6.387	10.069	1.00	0.00
C								
HETATM10753	H6	PRP	743	26.100	7.232	10.228	1.00	0.00
H								
HETATM10754	H7	PRP	743	26.194	5.612	9.564	1.00	0.00
H								
HETATM10755	H8	PRP	743	27.151	5.993	11.012	1.00	0.00
H								
HETATM10756	O1	PRP	744	50.163	14.794	25.259	1.00	0.00
O								
HETATM10757	H1	PRP	744	50.001	14.028	25.815	1.00	0.00
H								
HETATM10758	C1	PRP	744	49.780	15.986	25.975	1.00	0.00
C								
HETATM10759	H2	PRP	744	48.805	15.782	26.418	1.00	0.00
H								
HETATM10760	H3	PRP	744	50.499	16.286	26.738	1.00	0.00
H								
HETATM10761	C2	PRP	744	49.784	17.113	24.943	1.00	0.00
C								
HETATM10762	H4	PRP	744	49.536	18.067	25.410	1.00	0.00
H								
HETATM10763	O2	PRP	744	48.765	16.780	23.910	1.00	0.00
O								
HETATM10764	H5	PRP	744	48.930	15.834	23.896	1.00	0.00
H								
HETATM10765	C3	PRP	744	51.062	17.280	24.110	1.00	0.00
C								
HETATM10766	H6	PRP	744	51.999	17.283	24.667	1.00	0.00
H								
HETATM10767	H7	PRP	744	51.166	16.478	23.380	1.00	0.00
H								
HETATM10768	H8	PRP	744	50.933	18.201	23.543	1.00	0.00
H								
HETATM10769	O1	PRP	745	45.303	6.055	24.201	1.00	0.00
O								
HETATM10770	H1	PRP	745	45.529	5.442	23.498	1.00	0.00
H								
HETATM10771	C1	PRP	745	44.240	5.454	24.907	1.00	0.00
C								
HETATM10772	H2	PRP	745	44.721	4.763	25.600	1.00	0.00
H								
HETATM10773	H3	PRP	745	43.734	6.271	25.421	1.00	0.00
H								
HETATM10774	C2	PRP	745	43.333	4.686	23.948	1.00	0.00
C								
HETATM10775	H4	PRP	745	42.603	4.125	24.531	1.00	0.00
H								
HETATM10776	O2	PRP	745	44.051	3.606	23.315	1.00	0.00
O								
HETATM10777	H5	PRP	745	43.469	3.001	22.847	1.00	0.00
H								
HETATM10778	C3	PRP	745	42.507	5.495	22.927	1.00	0.00
C								
HETATM10779	H6	PRP	745	42.162	6.383	23.457	1.00	0.00
H								

HETATM10780	H7	PRP	745	43.192	5.985	22.235	1.00	0.00
H								
HETATM10781	H8	PRP	745	41.780	4.869	22.409	1.00	0.00
H								
HETATM10782	O1	PRP	746	38.506	11.591	12.762	1.00	0.00
O								
HETATM10783	H1	PRP	746	38.482	12.321	12.138	1.00	0.00
H								
HETATM10784	C1	PRP	746	37.699	11.837	13.921	1.00	0.00
C								
HETATM10785	H2	PRP	746	37.573	12.891	14.173	1.00	0.00
H								
HETATM10786	H3	PRP	746	36.695	11.426	13.815	1.00	0.00
H								
HETATM10787	C2	PRP	746	38.403	11.148	15.110	1.00	0.00
C								
HETATM10788	H4	PRP	746	37.938	11.556	16.007	1.00	0.00
H								
HETATM10789	O2	PRP	746	39.815	11.297	15.016	1.00	0.00
O								
HETATM10790	H5	PRP	746	39.973	11.310	14.069	1.00	0.00
H								
HETATM10791	C3	PRP	746	38.129	9.661	15.202	1.00	0.00
C								
HETATM10792	H6	PRP	746	38.477	9.296	14.236	1.00	0.00
H								
HETATM10793	H7	PRP	746	38.689	9.215	16.024	1.00	0.00
H								
HETATM10794	H8	PRP	746	37.079	9.428	15.382	1.00	0.00
H								
HETATM10795	O1	PRP	747	36.695	26.552	8.078	1.00	0.00
O								
HETATM10796	H1	PRP	747	35.746	26.420	8.131	1.00	0.00
H								
HETATM10797	C1	PRP	747	36.898	27.876	8.311	1.00	0.00
C								
HETATM10798	H2	PRP	747	37.849	28.193	7.883	1.00	0.00
H								
HETATM10799	H3	PRP	747	36.019	28.470	8.060	1.00	0.00
H								
HETATM10800	C2	PRP	747	36.987	27.961	9.801	1.00	0.00
C								
HETATM10801	H4	PRP	747	37.827	27.326	10.083	1.00	0.00
H								
HETATM10802	O2	PRP	747	35.873	27.478	10.521	1.00	0.00
O								
HETATM10803	H5	PRP	747	35.095	27.553	9.963	1.00	0.00
H								
HETATM10804	C3	PRP	747	37.284	29.438	10.060	1.00	0.00
C								
HETATM10805	H6	PRP	747	36.448	30.033	9.692	1.00	0.00
H								
HETATM10806	H7	PRP	747	37.225	29.591	11.138	1.00	0.00
H								
HETATM10807	H8	PRP	747	38.223	29.715	9.582	1.00	0.00
H								

HETATM10808	O1	PRP	748	17.854	-2.017	9.797	1.00	0.00
O								
HETATM10809	H1	PRP	748	18.332	-1.439	10.396	1.00	0.00
H								
HETATM10810	C1	PRP	748	18.707	-2.946	9.333	1.00	0.00
C								
HETATM10811	H2	PRP	748	18.087	-3.691	8.833	1.00	0.00
H								
HETATM10812	H3	PRP	748	19.525	-2.637	8.682	1.00	0.00
H								
HETATM10813	C2	PRP	748	19.307	-3.728	10.567	1.00	0.00
C								
HETATM10814	H4	PRP	748	20.050	-4.377	10.104	1.00	0.00
H								
HETATM10815	O2	PRP	748	18.369	-4.340	11.345	1.00	0.00
O								
HETATM10816	H5	PRP	748	17.879	-5.055	10.932	1.00	0.00
H								
HETATM10817	C3	PRP	748	20.107	-2.739	11.431	1.00	0.00
C								
HETATM10818	H6	PRP	748	19.679	-1.785	11.739	1.00	0.00
H								
HETATM10819	H7	PRP	748	20.382	-3.279	12.337	1.00	0.00
H								
HETATM10820	H8	PRP	748	21.123	-2.653	11.048	1.00	0.00
H								
HETATM10821	O1	PRP	749	16.678	12.127	21.540	1.00	0.00
O								
HETATM10822	H1	PRP	749	15.977	12.087	22.195	1.00	0.00
H								
HETATM10823	C1	PRP	749	17.946	12.392	22.154	1.00	0.00
C								
HETATM10824	H2	PRP	749	17.947	13.228	22.854	1.00	0.00
H								
HETATM10825	H3	PRP	749	18.245	11.525	22.743	1.00	0.00
H								
HETATM10826	C2	PRP	749	18.957	12.782	21.001	1.00	0.00
C								
HETATM10827	H4	PRP	749	19.966	12.797	21.413	1.00	0.00
H								
HETATM10828	O2	PRP	749	18.704	14.118	20.545	1.00	0.00
O								
HETATM10829	H5	PRP	749	19.577	14.505	20.444	1.00	0.00
H								
HETATM10830	C3	PRP	749	18.973	11.915	19.744	1.00	0.00
C								
HETATM10831	H6	PRP	749	19.927	11.989	19.221	1.00	0.00
H								
HETATM10832	H7	PRP	749	18.887	10.885	20.091	1.00	0.00
H								
HETATM10833	H8	PRP	749	18.052	12.001	19.167	1.00	0.00
H								
HETATM10834	O1	PRP	750	29.028	8.365	19.927	1.00	0.00
O								
HETATM10835	H1	PRP	750	28.838	7.464	19.657	1.00	0.00
H								

HETATM10836	C1	PRP	750	30.374	8.708	19.824	1.00	0.00
C								
HETATM10837	H2	PRP	750	30.511	9.604	20.430	1.00	0.00
H								
HETATM10838	H3	PRP	750	30.938	7.878	20.250	1.00	0.00
H								
HETATM10839	C2	PRP	750	30.826	9.085	18.444	1.00	0.00
C								
HETATM10840	H4	PRP	750	30.159	9.713	17.853	1.00	0.00
H								
HETATM10841	O2	PRP	750	31.000	7.866	17.758	1.00	0.00
O								
HETATM10842	H5	PRP	750	31.152	7.179	18.411	1.00	0.00
H								
HETATM10843	C3	PRP	750	32.148	9.874	18.516	1.00	0.00
C								
HETATM10844	H6	PRP	750	32.038	10.957	18.576	1.00	0.00
H								
HETATM10845	H7	PRP	750	32.762	9.598	19.373	1.00	0.00
H								
HETATM10846	H8	PRP	750	32.599	9.588	17.566	1.00	0.00
H								
HETATM10847	O1	PRP	751	31.140	20.909	15.000	1.00	0.00
O								
HETATM10848	H1	PRP	751	30.549	20.156	15.074	1.00	0.00
H								
HETATM10849	C1	PRP	751	30.876	21.735	16.149	1.00	0.00
C								
HETATM10850	H2	PRP	751	31.548	22.591	16.204	1.00	0.00
H								
HETATM10851	H3	PRP	751	29.876	22.162	16.076	1.00	0.00
H								
HETATM10852	C2	PRP	751	30.899	20.846	17.420	1.00	0.00
C								
HETATM10853	H4	PRP	751	31.801	20.241	17.518	1.00	0.00
H								
HETATM10854	O2	PRP	751	29.689	20.122	17.424	1.00	0.00
O								
HETATM10855	H5	PRP	751	29.834	19.320	16.917	1.00	0.00
H								
HETATM10856	C3	PRP	751	31.025	21.820	18.603	1.00	0.00
C								
HETATM10857	H6	PRP	751	30.341	22.667	18.552	1.00	0.00
H								
HETATM10858	H7	PRP	751	30.836	21.295	19.539	1.00	0.00
H								
HETATM10859	H8	PRP	751	32.043	22.200	18.691	1.00	0.00
H								
HETATM10860	O1	PRP	752	33.626	14.985	5.335	1.00	0.00
O								
HETATM10861	H1	PRP	752	34.076	14.571	4.595	1.00	0.00
H								
HETATM10862	C1	PRP	752	33.316	13.866	6.142	1.00	0.00
C								
HETATM10863	H2	PRP	752	32.805	14.072	7.082	1.00	0.00
H								

HETATM10864	H3	PRP	752	32.736	13.184	5.520	1.00	0.00
H								
HETATM10865	C2	PRP	752	34.560	12.947	6.374	1.00	0.00
C								
HETATM10866	H4	PRP	752	35.260	13.578	6.921	1.00	0.00
H								
HETATM10867	O2	PRP	752	35.201	12.692	5.116	1.00	0.00
O								
HETATM10868	H5	PRP	752	36.155	12.695	5.222	1.00	0.00
H								
HETATM10869	C3	PRP	752	34.332	11.683	7.067	1.00	0.00
C								
HETATM10870	H6	PRP	752	33.949	11.872	8.070	1.00	0.00
H								
HETATM10871	H7	PRP	752	33.682	11.108	6.408	1.00	0.00
H								
HETATM10872	H8	PRP	752	35.271	11.171	7.279	1.00	0.00
H								
HETATM10873	O1	PRP	753	35.642	25.273	13.464	1.00	0.00
O								
HETATM10874	H1	PRP	753	36.356	25.694	13.949	1.00	0.00
H								
HETATM10875	C1	PRP	753	34.852	24.488	14.307	1.00	0.00
C								
HETATM10876	H2	PRP	753	34.358	23.726	13.705	1.00	0.00
H								
HETATM10877	H3	PRP	753	35.407	23.959	15.082	1.00	0.00
H								
HETATM10878	C2	PRP	753	33.852	25.408	15.047	1.00	0.00
C								
HETATM10879	H4	PRP	753	33.212	24.718	15.597	1.00	0.00
H								
HETATM10880	O2	PRP	753	33.165	25.963	14.003	1.00	0.00
O								
HETATM10881	H5	PRP	753	33.823	26.065	13.312	1.00	0.00
H								
HETATM10882	C3	PRP	753	34.402	26.370	16.099	1.00	0.00
C								
HETATM10883	H6	PRP	753	33.560	26.865	16.582	1.00	0.00
H								
HETATM10884	H7	PRP	753	34.980	25.860	16.869	1.00	0.00
H								
HETATM10885	H8	PRP	753	35.083	27.011	15.538	1.00	0.00
H								
HETATM10886	O1	PRP	754	28.406	28.446	9.401	1.00	0.00
O								
HETATM10887	H1	PRP	754	29.288	28.315	9.046	1.00	0.00
H								
HETATM10888	C1	PRP	754	28.629	28.831	10.766	1.00	0.00
C								
HETATM10889	H2	PRP	754	29.248	28.075	11.250	1.00	0.00
H								
HETATM10890	H3	PRP	754	28.970	29.866	10.810	1.00	0.00
H								
HETATM10891	C2	PRP	754	27.272	28.795	11.512	1.00	0.00
C								

HETATM10892	H4	PRP	754	26.922	27.766	11.601	1.00	0.00
H								
HETATM10893	O2	PRP	754	26.345	29.495	10.643	1.00	0.00
O								
HETATM10894	H5	PRP	754	26.476	28.945	9.867	1.00	0.00
H								
HETATM10895	C3	PRP	754	27.296	29.626	12.820	1.00	0.00
C								
HETATM10896	H6	PRP	754	27.350	28.868	13.601	1.00	0.00
H								
HETATM10897	H7	PRP	754	28.186	30.256	12.819	1.00	0.00
H								
HETATM10898	H8	PRP	754	26.361	30.159	12.993	1.00	0.00
H								
HETATM10899	O1	PRP	755	23.732	-2.150	20.473	1.00	0.00
O								
HETATM10900	H1	PRP	755	24.658	-1.905	20.539	1.00	0.00
H								
HETATM10901	C1	PRP	755	23.481	-3.367	21.212	1.00	0.00
C								
HETATM10902	H2	PRP	755	22.920	-3.262	22.141	1.00	0.00
H								
HETATM10903	H3	PRP	755	22.959	-4.058	20.551	1.00	0.00
H								
HETATM10904	C2	PRP	755	24.797	-4.091	21.632	1.00	0.00
C								
HETATM10905	H4	PRP	755	24.560	-5.036	22.121	1.00	0.00
H								
HETATM10906	O2	PRP	755	25.533	-3.269	22.558	1.00	0.00
O								
HETATM10907	H5	PRP	755	24.946	-3.026	23.278	1.00	0.00
H								
HETATM10908	C3	PRP	755	25.698	-4.597	20.544	1.00	0.00
C								
HETATM10909	H6	PRP	755	25.121	-5.040	19.732	1.00	0.00
H								
HETATM10910	H7	PRP	755	26.229	-3.796	20.029	1.00	0.00
H								
HETATM10911	H8	PRP	755	26.449	-5.296	20.911	1.00	0.00
H								
HETATM10912	O1	PRP	756	22.123	14.579	5.411	1.00	0.00
O								
HETATM10913	H1	PRP	756	22.958	14.172	5.169	1.00	0.00
H								
HETATM10914	C1	PRP	756	21.788	15.317	4.226	1.00	0.00
C								
HETATM10915	H2	PRP	756	22.228	16.312	4.288	1.00	0.00
H								
HETATM10916	H3	PRP	756	22.179	14.896	3.300	1.00	0.00
H								
HETATM10917	C2	PRP	756	20.266	15.481	4.030	1.00	0.00
C								
HETATM10918	H4	PRP	756	19.958	15.992	4.943	1.00	0.00
H								
HETATM10919	O2	PRP	756	19.593	14.218	3.914	1.00	0.00
O								

HETATM10920	H5	PRP	756	18.883	14.372	3.286	1.00	0.00
H								
HETATM10921	C3	PRP	756	19.943	16.363	2.834	1.00	0.00
C								
HETATM10922	H6	PRP	756	20.102	17.392	3.158	1.00	0.00
H								
HETATM10923	H7	PRP	756	20.623	16.155	2.008	1.00	0.00
H								
HETATM10924	H8	PRP	756	18.882	16.297	2.592	1.00	0.00
H								
HETATM10925	O1	PRP	757	23.660	8.505	13.976	1.00	0.00
O								
HETATM10926	H1	PRP	757	23.492	8.071	14.816	1.00	0.00
H								
HETATM10927	C1	PRP	757	24.230	9.766	14.226	1.00	0.00
C								
HETATM10928	H2	PRP	757	23.530	10.515	14.597	1.00	0.00
H								
HETATM10929	H3	PRP	757	25.046	9.734	14.947	1.00	0.00
H								
HETATM10930	C2	PRP	757	24.794	10.169	12.906	1.00	0.00
C								
HETATM10931	H4	PRP	757	24.142	10.094	12.035	1.00	0.00
H								
HETATM10932	O2	PRP	757	25.873	9.267	12.495	1.00	0.00
O								
HETATM10933	H5	PRP	757	25.571	8.356	12.512	1.00	0.00
H								
HETATM10934	C3	PRP	757	25.525	11.512	13.123	1.00	0.00
C								
HETATM10935	H6	PRP	757	26.080	11.858	12.252	1.00	0.00
H								
HETATM10936	H7	PRP	757	24.990	12.345	13.580	1.00	0.00
H								
HETATM10937	H8	PRP	757	26.264	11.492	13.924	1.00	0.00
H								
HETATM10938	O1	PRP	758	44.214	17.768	19.495	1.00	0.00
O								
HETATM10939	H1	PRP	758	43.339	18.139	19.633	1.00	0.00
H								
HETATM10940	C1	PRP	758	44.286	16.883	20.613	1.00	0.00
C								
HETATM10941	H2	PRP	758	45.347	16.690	20.773	1.00	0.00
H								
HETATM10942	H3	PRP	758	43.833	17.405	21.456	1.00	0.00
H								
HETATM10943	C2	PRP	758	43.693	15.503	20.386	1.00	0.00
C								
HETATM10944	H4	PRP	758	44.125	14.904	19.584	1.00	0.00
H								
HETATM10945	O2	PRP	758	42.365	15.627	20.085	1.00	0.00
O								
HETATM10946	H5	PRP	758	42.285	16.220	19.335	1.00	0.00
H								
HETATM10947	C3	PRP	758	43.720	14.714	21.712	1.00	0.00
C								

HETATM10948	H6	PRP	758	44.740	14.398	21.930	1.00	0.00
H								
HETATM10949	H7	PRP	758	43.353	15.298	22.557	1.00	0.00
H								
HETATM10950	H8	PRP	758	43.132	13.802	21.604	1.00	0.00
H								
HETATM10951	O1	PRP	759	37.245	23.855	11.635	1.00	0.00
O								
HETATM10952	H1	PRP	759	36.637	24.211	12.287	1.00	0.00
H								
HETATM10953	C1	PRP	759	38.474	24.582	11.903	1.00	0.00
C								
HETATM10954	H2	PRP	759	39.137	24.479	11.044	1.00	0.00
H								
HETATM10955	H3	PRP	759	38.261	25.651	11.882	1.00	0.00
H								
HETATM10956	C2	PRP	759	39.030	24.188	13.310	1.00	0.00
C								
HETATM10957	H4	PRP	759	39.341	23.144	13.340	1.00	0.00
H								
HETATM10958	O2	PRP	759	38.169	24.681	14.331	1.00	0.00
O								
HETATM10959	H5	PRP	759	38.354	24.178	15.127	1.00	0.00
H								
HETATM10960	C3	PRP	759	40.362	24.857	13.387	1.00	0.00
C								
HETATM10961	H6	PRP	759	40.997	24.438	14.168	1.00	0.00
H								
HETATM10962	H7	PRP	759	40.932	24.737	12.466	1.00	0.00
H								
HETATM10963	H8	PRP	759	40.262	25.937	13.493	1.00	0.00
H								
HETATM10964	O1	PRP	760	30.592	24.875	14.411	1.00	0.00
O								
HETATM10965	H1	PRP	760	31.398	25.397	14.402	1.00	0.00
H								
HETATM10966	C1	PRP	760	30.237	24.309	13.184	1.00	0.00
C								
HETATM10967	H2	PRP	760	30.379	25.095	12.441	1.00	0.00
H								
HETATM10968	H3	PRP	760	30.884	23.449	13.013	1.00	0.00
H								
HETATM10969	C2	PRP	760	28.750	23.892	13.063	1.00	0.00
C								
HETATM10970	H4	PRP	760	28.223	24.835	13.206	1.00	0.00
H								
HETATM10971	O2	PRP	760	28.382	23.110	14.128	1.00	0.00
O								
HETATM10972	H5	PRP	760	29.170	23.269	14.653	1.00	0.00
H								
HETATM10973	C3	PRP	760	28.428	23.306	11.705	1.00	0.00
C								
HETATM10974	H6	PRP	760	27.372	23.043	11.639	1.00	0.00
H								
HETATM10975	H7	PRP	760	28.622	24.049	10.931	1.00	0.00
H								

HETATM10976	H8	PRP	760	29.016	22.404	11.534	1.00	0.00
H								
HETATM10977	O1	PRP	761	35.083	16.620	7.106	1.00	0.00
O								
HETATM10978	H1	PRP	761	34.562	16.040	6.546	1.00	0.00
H								
HETATM10979	C1	PRP	761	34.535	16.910	8.410	1.00	0.00
C								
HETATM10980	H2	PRP	761	34.065	17.890	8.494	1.00	0.00
H								
HETATM10981	H3	PRP	761	33.875	16.091	8.693	1.00	0.00
H								
HETATM10982	C2	PRP	761	35.698	17.111	9.385	1.00	0.00
C								
HETATM10983	H4	PRP	761	36.523	17.597	8.864	1.00	0.00
H								
HETATM10984	O2	PRP	761	36.091	15.929	10.003	1.00	0.00
O								
HETATM10985	H5	PRP	761	35.986	15.932	10.957	1.00	0.00
H								
HETATM10986	C3	PRP	761	35.376	18.119	10.462	1.00	0.00
C								
HETATM10987	H6	PRP	761	36.268	18.400	11.021	1.00	0.00
H								
HETATM10988	H7	PRP	761	34.945	19.018	10.023	1.00	0.00
H								
HETATM10989	H8	PRP	761	34.740	17.611	11.188	1.00	0.00
H								
HETATM10990	O1	PRP	762	10.737	-1.257	12.196	1.00	0.00
O								
HETATM10991	H1	PRP	762	10.691	-1.949	12.860	1.00	0.00
H								
HETATM10992	C1	PRP	762	11.010	-0.039	12.863	1.00	0.00
C								
HETATM10993	H2	PRP	762	11.598	0.579	12.185	1.00	0.00
H								
HETATM10994	H3	PRP	762	10.069	0.484	13.037	1.00	0.00
H								
HETATM10995	C2	PRP	762	11.760	-0.453	14.115	1.00	0.00
C								
HETATM10996	H4	PRP	762	12.686	-0.942	13.813	1.00	0.00
H								
HETATM10997	O2	PRP	762	10.991	-1.258	14.969	1.00	0.00
O								
HETATM10998	H5	PRP	762	11.166	-1.030	15.885	1.00	0.00
H								
HETATM10999	C3	PRP	762	12.333	0.804	14.775	1.00	0.00
C								
HETATM11000	H6	PRP	762	11.584	1.492	15.168	1.00	0.00
H								
HETATM11001	H7	PRP	762	12.970	0.441	15.582	1.00	0.00
H								
HETATM11002	H8	PRP	762	12.936	1.465	14.152	1.00	0.00
H								
HETATM11003	O1	PRP	763	17.752	6.618	4.718	1.00	0.00
O								

HETATM11004	H1	PRP	763	18.196	5.800	4.953	1.00	0.00
H								
HETATM11005	C1	PRP	763	17.191	7.107	5.931	1.00	0.00
C								
HETATM11006	H2	PRP	763	16.711	8.071	5.759	1.00	0.00
H								
HETATM11007	H3	PRP	763	16.474	6.394	6.337	1.00	0.00
H								
HETATM11008	C2	PRP	763	18.249	7.195	6.927	1.00	0.00
C								
HETATM11009	H4	PRP	763	19.062	7.790	6.511	1.00	0.00
H								
HETATM11010	O2	PRP	763	18.893	5.970	7.308	1.00	0.00
O								
HETATM11011	H5	PRP	763	19.002	5.447	6.510	1.00	0.00
H								
HETATM11012	C3	PRP	763	17.573	7.944	8.120	1.00	0.00
C								
HETATM11013	H6	PRP	763	16.865	7.249	8.572	1.00	0.00
H								
HETATM11014	H7	PRP	763	18.306	8.275	8.856	1.00	0.00
H								
HETATM11015	H8	PRP	763	17.022	8.820	7.779	1.00	0.00
H								
HETATM11016	O1	PRP	764	21.356	7.477	-1.727	1.00	0.00
O								
HETATM11017	H1	PRP	764	21.211	6.549	-1.528	1.00	0.00
H								
HETATM11018	C1	PRP	764	22.738	7.340	-1.990	1.00	0.00
C								
HETATM11019	H2	PRP	764	22.960	7.058	-3.019	1.00	0.00
H								
HETATM11020	H3	PRP	764	23.260	8.274	-1.783	1.00	0.00
H								
HETATM11021	C2	PRP	764	23.457	6.289	-1.136	1.00	0.00
C								
HETATM11022	H4	PRP	764	24.484	6.197	-1.487	1.00	0.00
H								
HETATM11023	O2	PRP	764	22.792	5.056	-1.236	1.00	0.00
O								
HETATM11024	H5	PRP	764	23.146	4.327	-0.722	1.00	0.00
H								
HETATM11025	C3	PRP	764	23.530	6.652	0.393	1.00	0.00
C								
HETATM11026	H6	PRP	764	23.552	5.691	0.907	1.00	0.00
H								
HETATM11027	H7	PRP	764	24.304	7.381	0.632	1.00	0.00
H								
HETATM11028	H8	PRP	764	22.532	6.977	0.688	1.00	0.00
H								
HETATM11029	O1	PRP	765	42.352	22.409	6.867	1.00	0.00
O								
HETATM11030	H1	PRP	765	41.969	23.008	6.222	1.00	0.00
H								
HETATM11031	C1	PRP	765	43.297	23.056	7.706	1.00	0.00
C								

HETATM11032	H2	PRP	765	42.862	24.006	8.017	1.00	0.00
H								
HETATM11033	H3	PRP	765	43.549	22.438	8.567	1.00	0.00
H								
HETATM11034	C2	PRP	765	44.648	23.139	6.962	1.00	0.00
C								
HETATM11035	H4	PRP	765	45.419	23.732	7.456	1.00	0.00
H								
HETATM11036	O2	PRP	765	44.508	23.938	5.731	1.00	0.00
O								
HETATM11037	H5	PRP	765	44.810	23.301	5.079	1.00	0.00
H								
HETATM11038	C3	PRP	765	45.237	21.843	6.479	1.00	0.00
C								
HETATM11039	H6	PRP	765	45.372	21.134	7.296	1.00	0.00
H								
HETATM11040	H7	PRP	765	44.677	21.399	5.656	1.00	0.00
H								
HETATM11041	H8	PRP	765	46.146	22.064	5.918	1.00	0.00
H								
HETATM11042	O1	PRP	766	33.393	24.706	3.496	1.00	0.00
O								
HETATM11043	H1	PRP	766	32.913	23.893	3.672	1.00	0.00
H								
HETATM11044	C1	PRP	766	32.672	25.799	4.064	1.00	0.00
C								
HETATM11045	H2	PRP	766	33.267	26.498	4.653	1.00	0.00
H								
HETATM11046	H3	PRP	766	32.143	26.411	3.333	1.00	0.00
H								
HETATM11047	C2	PRP	766	31.613	25.102	5.001	1.00	0.00
C								
HETATM11048	H4	PRP	766	32.133	24.636	5.838	1.00	0.00
H								
HETATM11049	O2	PRP	766	30.830	24.310	4.155	1.00	0.00
O								
HETATM11050	H5	PRP	766	30.328	23.653	4.643	1.00	0.00
H								
HETATM11051	C3	PRP	766	30.718	26.153	5.576	1.00	0.00
C								
HETATM11052	H6	PRP	766	31.217	26.977	6.085	1.00	0.00
H								
HETATM11053	H7	PRP	766	30.174	26.546	4.718	1.00	0.00
H								
HETATM11054	H8	PRP	766	30.034	25.740	6.317	1.00	0.00
H								
HETATM11055	O1	PRP	767	54.797	26.773	11.671	1.00	0.00
O								
HETATM11056	H1	PRP	767	54.637	25.912	12.066	1.00	0.00
H								
HETATM11057	C1	PRP	767	53.930	27.760	12.101	1.00	0.00
C								
HETATM11058	H2	PRP	767	52.935	27.520	11.725	1.00	0.00
H								
HETATM11059	H3	PRP	767	53.969	27.790	13.189	1.00	0.00
H								

HETATM11060	C2	PRP	767	54.355	29.082	11.570	1.00	0.00
C								
HETATM11061	H4	PRP	767	54.428	28.988	10.486	1.00	0.00
H								
HETATM11062	O2	PRP	767	55.608	29.568	12.198	1.00	0.00
O								
HETATM11063	H5	PRP	767	56.423	29.092	12.026	1.00	0.00
H								
HETATM11064	C3	PRP	767	53.309	30.041	11.962	1.00	0.00
C								
HETATM11065	H6	PRP	767	52.327	29.857	11.526	1.00	0.00
H								
HETATM11066	H7	PRP	767	53.298	30.065	13.051	1.00	0.00
H								
HETATM11067	H8	PRP	767	53.547	31.038	11.589	1.00	0.00
H								
HETATM11068	O1	PRP	768	27.006	12.535	16.164	1.00	0.00
O								
HETATM11069	H1	PRP	768	26.410	12.334	16.889	1.00	0.00
H								
HETATM11070	C1	PRP	768	28.323	12.260	16.625	1.00	0.00
C								
HETATM11071	H2	PRP	768	28.574	12.857	17.502	1.00	0.00
H								
HETATM11072	H3	PRP	768	28.375	11.202	16.881	1.00	0.00
H								
HETATM11073	C2	PRP	768	29.315	12.517	15.492	1.00	0.00
C								
HETATM11074	H4	PRP	768	29.190	13.493	15.023	1.00	0.00
H								
HETATM11075	O2	PRP	768	28.974	11.508	14.532	1.00	0.00
O								
HETATM11076	H5	PRP	768	28.055	11.571	14.262	1.00	0.00
H								
HETATM11077	C3	PRP	768	30.806	12.295	15.917	1.00	0.00
C								
HETATM11078	H6	PRP	768	31.034	11.233	16.005	1.00	0.00
H								
HETATM11079	H7	PRP	768	31.532	12.505	15.133	1.00	0.00
H								
HETATM11080	H8	PRP	768	31.238	12.887	16.724	1.00	0.00
H								
HETATM11081	O1	PRP	769	32.165	5.626	10.491	1.00	0.00
O								
HETATM11082	H1	PRP	769	31.933	6.030	11.331	1.00	0.00
H								
HETATM11083	C1	PRP	769	33.155	6.417	9.799	1.00	0.00
C								
HETATM11084	H2	PRP	769	33.880	6.631	10.584	1.00	0.00
H								
HETATM11085	H3	PRP	769	33.603	5.826	9.000	1.00	0.00
H								
HETATM11086	C2	PRP	769	32.388	7.627	9.142	1.00	0.00
C								
HETATM11087	H4	PRP	769	31.976	8.248	9.937	1.00	0.00
H								

HETATM11088	O2	PRP	769	31.397	7.156	8.247	1.00	0.00
O								
HETATM11089	H5	PRP	769	31.051	6.355	8.648	1.00	0.00
H								
HETATM11090	C3	PRP	769	33.280	8.620	8.431	1.00	0.00
C								
HETATM11091	H6	PRP	769	33.805	8.165	7.592	1.00	0.00
H								
HETATM11092	H7	PRP	769	32.760	9.552	8.207	1.00	0.00
H								
HETATM11093	H8	PRP	769	34.093	8.925	9.090	1.00	0.00
H								
HETATM11094	O1	PRP	770	18.130	13.458	6.484	1.00	0.00
O								
HETATM11095	H1	PRP	770	18.815	13.966	6.042	1.00	0.00
H								
HETATM11096	C1	PRP	770	18.744	12.307	7.081	1.00	0.00
C								
HETATM11097	H2	PRP	770	18.886	12.511	8.142	1.00	0.00
H								
HETATM11098	H3	PRP	770	18.159	11.447	6.754	1.00	0.00
H								
HETATM11099	C2	PRP	770	20.176	12.128	6.633	1.00	0.00
C								
HETATM11100	H4	PRP	770	20.782	12.982	6.933	1.00	0.00
H								
HETATM11101	O2	PRP	770	20.383	12.038	5.271	1.00	0.00
O								
HETATM11102	H5	PRP	770	20.629	12.900	4.927	1.00	0.00
H								
HETATM11103	C3	PRP	770	20.755	10.915	7.397	1.00	0.00
C								
HETATM11104	H6	PRP	770	20.004	10.134	7.513	1.00	0.00
H								
HETATM11105	H7	PRP	770	21.716	10.697	6.932	1.00	0.00
H								
HETATM11106	H8	PRP	770	20.884	11.107	8.463	1.00	0.00
H								
HETATM11107	O1	PRP	771	37.857	10.307	24.613	1.00	0.00
O								
HETATM11108	H1	PRP	771	38.625	10.818	24.348	1.00	0.00
H								
HETATM11109	C1	PRP	771	38.179	9.312	25.578	1.00	0.00
C								
HETATM11110	H2	PRP	771	37.824	9.593	26.570	1.00	0.00
H								
HETATM11111	H3	PRP	771	37.629	8.465	25.169	1.00	0.00
H								
HETATM11112	C2	PRP	771	39.611	8.863	25.647	1.00	0.00
C								
HETATM11113	H4	PRP	771	39.714	8.210	26.513	1.00	0.00
H								
HETATM11114	O2	PRP	771	40.452	9.983	25.861	1.00	0.00
O								
HETATM11115	H5	PRP	771	39.989	10.459	26.554	1.00	0.00
H								

HETATM11116	C3	PRP	771	40.051	8.196	24.325	1.00	0.00
C								
HETATM11117	H6	PRP	771	40.021	8.831	23.439	1.00	0.00
H								
HETATM11118	H7	PRP	771	41.049	7.766	24.415	1.00	0.00
H								
HETATM11119	H8	PRP	771	39.397	7.375	24.035	1.00	0.00
H								
HETATM11120	O1	PRP	772	26.113	16.734	1.454	1.00	0.00
O								
HETATM11121	H1	PRP	772	25.691	17.538	1.766	1.00	0.00
H								
HETATM11122	C1	PRP	772	25.206	15.674	1.625	1.00	0.00
C								
HETATM11123	H2	PRP	772	24.181	15.941	1.364	1.00	0.00
H								
HETATM11124	H3	PRP	772	25.607	14.947	0.919	1.00	0.00
H								
HETATM11125	C2	PRP	772	25.246	15.104	3.069	1.00	0.00
C								
HETATM11126	H4	PRP	772	24.611	14.218	3.029	1.00	0.00
H								
HETATM11127	O2	PRP	772	24.905	16.057	4.084	1.00	0.00
O								
HETATM11128	H5	PRP	772	25.261	15.698	4.901	1.00	0.00
H								
HETATM11129	C3	PRP	772	26.678	14.490	3.383	1.00	0.00
C								
HETATM11130	H6	PRP	772	27.351	15.347	3.397	1.00	0.00
H								
HETATM11131	H7	PRP	772	26.540	13.903	4.290	1.00	0.00
H								
HETATM11132	H8	PRP	772	27.011	13.706	2.703	1.00	0.00
H								
HETATM11133	O1	PRP	773	35.250	34.439	13.333	1.00	0.00
O								
HETATM11134	H1	PRP	773	36.054	34.373	13.853	1.00	0.00
H								
HETATM11135	C1	PRP	773	34.866	33.124	13.034	1.00	0.00
C								
HETATM11136	H2	PRP	773	34.615	32.637	13.976	1.00	0.00
H								
HETATM11137	H3	PRP	773	34.000	33.094	12.373	1.00	0.00
H								
HETATM11138	C2	PRP	773	35.866	32.430	12.212	1.00	0.00
C								
HETATM11139	H4	PRP	773	35.313	31.527	11.950	1.00	0.00
H								
HETATM11140	O2	PRP	773	36.952	32.070	13.035	1.00	0.00
O								
HETATM11141	H5	PRP	773	36.956	31.143	13.285	1.00	0.00
H								
HETATM11142	C3	PRP	773	36.443	33.198	10.959	1.00	0.00
C								
HETATM11143	H6	PRP	773	37.107	32.514	10.430	1.00	0.00
H								

HETATM11144	H7	PRP	773	35.630	33.590	10.348	1.00	0.00
H								
HETATM11145	H8	PRP	773	37.129	34.008	11.206	1.00	0.00
H								
HETATM11146	O1	PRP	774	20.046	10.483	24.292	1.00	0.00
O								
HETATM11147	H1	PRP	774	20.817	11.048	24.198	1.00	0.00
H								
HETATM11148	C1	PRP	774	19.756	10.199	25.577	1.00	0.00
C								
HETATM11149	H2	PRP	774	19.126	9.321	25.443	1.00	0.00
H								
HETATM11150	H3	PRP	774	20.610	9.837	26.151	1.00	0.00
H								
HETATM11151	C2	PRP	774	18.864	11.221	26.256	1.00	0.00
C								
HETATM11152	H4	PRP	774	18.254	11.562	25.420	1.00	0.00
H								
HETATM11153	O2	PRP	774	19.598	12.358	26.741	1.00	0.00
O								
HETATM11154	H5	PRP	774	19.979	12.794	25.976	1.00	0.00
H								
HETATM11155	C3	PRP	774	17.989	10.692	27.395	1.00	0.00
C								
HETATM11156	H6	PRP	774	17.404	9.881	26.962	1.00	0.00
H								
HETATM11157	H7	PRP	774	18.553	10.378	28.274	1.00	0.00
H								
HETATM11158	H8	PRP	774	17.250	11.413	27.745	1.00	0.00
H								
HETATM11159	O1	PRP	775	4.145	6.308	10.784	1.00	0.00
O								
HETATM11160	H1	PRP	775	5.007	6.203	11.194	1.00	0.00
H								
HETATM11161	C1	PRP	775	3.480	5.118	11.199	1.00	0.00
C								
HETATM11162	H2	PRP	775	3.103	5.180	12.220	1.00	0.00
H								
HETATM11163	H3	PRP	775	2.634	4.945	10.533	1.00	0.00
H								
HETATM11164	C2	PRP	775	4.319	3.896	11.106	1.00	0.00
C								
HETATM11165	H4	PRP	775	3.771	2.999	11.396	1.00	0.00
H								
HETATM11166	O2	PRP	775	5.401	4.071	11.975	1.00	0.00
O								
HETATM11167	H5	PRP	775	5.526	3.243	12.443	1.00	0.00
H								
HETATM11168	C3	PRP	775	4.832	3.655	9.729	1.00	0.00
C								
HETATM11169	H6	PRP	775	5.314	4.554	9.345	1.00	0.00
H								
HETATM11170	H7	PRP	775	5.509	2.813	9.584	1.00	0.00
H								
HETATM11171	H8	PRP	775	4.140	3.506	8.900	1.00	0.00
H								

HETATM11172	O1	PRP	776	27.184	10.227	20.680	1.00	0.00
O								
HETATM11173	H1	PRP	776	27.944	9.670	20.499	1.00	0.00
H								
HETATM11174	C1	PRP	776	27.531	11.521	20.208	1.00	0.00
C								
HETATM11175	H2	PRP	776	28.043	12.030	21.025	1.00	0.00
H								
HETATM11176	H3	PRP	776	28.179	11.242	19.377	1.00	0.00
H								
HETATM11177	C2	PRP	776	26.296	12.353	19.720	1.00	0.00
C								
HETATM11178	H4	PRP	776	25.507	12.353	20.472	1.00	0.00
H								
HETATM11179	O2	PRP	776	25.890	11.777	18.490	1.00	0.00
O								
HETATM11180	H5	PRP	776	25.429	10.982	18.767	1.00	0.00
H								
HETATM11181	C3	PRP	776	26.751	13.783	19.529	1.00	0.00
C								
HETATM11182	H6	PRP	776	27.734	13.970	19.096	1.00	0.00
H								
HETATM11183	H7	PRP	776	25.949	14.320	19.022	1.00	0.00
H								
HETATM11184	H8	PRP	776	26.740	14.182	20.543	1.00	0.00
H								
HETATM11185	O1	PRP	777	27.307	18.881	11.537	1.00	0.00
O								
HETATM11186	H1	PRP	777	28.191	19.246	11.619	1.00	0.00
H								
HETATM11187	C1	PRP	777	26.806	18.781	12.827	1.00	0.00
C								
HETATM11188	H2	PRP	777	25.728	18.725	12.678	1.00	0.00
H								
HETATM11189	H3	PRP	777	27.200	17.827	13.177	1.00	0.00
H								
HETATM11190	C2	PRP	777	27.341	19.956	13.625	1.00	0.00
C								
HETATM11191	H4	PRP	777	26.597	20.747	13.534	1.00	0.00
H								
HETATM11192	O2	PRP	777	28.603	20.435	13.271	1.00	0.00
O								
HETATM11193	H5	PRP	777	28.791	21.314	13.609	1.00	0.00
H								
HETATM11194	C3	PRP	777	27.359	19.703	15.194	1.00	0.00
C								
HETATM11195	H6	PRP	777	28.123	18.927	15.244	1.00	0.00
H								
HETATM11196	H7	PRP	777	27.532	20.655	15.696	1.00	0.00
H								
HETATM11197	H8	PRP	777	26.391	19.278	15.462	1.00	0.00
H								
HETATM11198	O1	PRP	778	36.202	16.421	12.903	1.00	0.00
O								
HETATM11199	H1	PRP	778	36.515	17.328	12.913	1.00	0.00
H								

HETATM11200	C1	PRP	778	37.148	15.716	13.653	1.00	0.00
C								
HETATM11201	H2	PRP	778	36.898	14.658	13.739	1.00	0.00
H								
HETATM11202	H3	PRP	778	38.070	15.844	13.087	1.00	0.00
H								
HETATM11203	C2	PRP	778	37.354	16.310	15.039	1.00	0.00
C								
HETATM11204	H4	PRP	778	36.466	16.192	15.661	1.00	0.00
H								
HETATM11205	O2	PRP	778	37.875	17.623	14.922	1.00	0.00
O								
HETATM11206	H5	PRP	778	37.197	18.234	14.625	1.00	0.00
H								
HETATM11207	C3	PRP	778	38.358	15.461	15.787	1.00	0.00
C								
HETATM11208	H6	PRP	778	38.491	16.066	16.684	1.00	0.00
H								
HETATM11209	H7	PRP	778	37.916	14.496	16.033	1.00	0.00
H								
HETATM11210	H8	PRP	778	39.278	15.255	15.240	1.00	0.00
H								
HETATM11211	O1	PRP	779	24.252	29.522	5.262	1.00	0.00
O								
HETATM11212	H1	PRP	779	23.528	28.977	4.948	1.00	0.00
H								
HETATM11213	C1	PRP	779	25.201	28.812	5.995	1.00	0.00
C								
HETATM11214	H2	PRP	779	24.993	29.018	7.045	1.00	0.00
H								
HETATM11215	H3	PRP	779	25.134	27.750	5.758	1.00	0.00
H								
HETATM11216	C2	PRP	779	26.567	29.372	5.655	1.00	0.00
C								
HETATM11217	H4	PRP	779	26.434	30.376	6.057	1.00	0.00
H								
HETATM11218	O2	PRP	779	26.829	29.411	4.318	1.00	0.00
O								
HETATM11219	H5	PRP	779	26.093	29.887	3.924	1.00	0.00
H								
HETATM11220	C3	PRP	779	27.657	28.529	6.250	1.00	0.00
C								
HETATM11221	H6	PRP	779	28.524	29.122	6.539	1.00	0.00
H								
HETATM11222	H7	PRP	779	27.289	28.195	7.221	1.00	0.00
H								
HETATM11223	H8	PRP	779	27.853	27.711	5.557	1.00	0.00
H								
HETATM11224	O1	PRP	780	31.632	28.443	9.541	1.00	0.00
O								
HETATM11225	H1	PRP	780	31.807	28.980	10.317	1.00	0.00
H								
HETATM11226	C1	PRP	780	31.679	29.273	8.444	1.00	0.00
C								
HETATM11227	H2	PRP	780	31.557	28.656	7.554	1.00	0.00
H								

HETATM11228	H3	PRP	780	30.941	30.069	8.541	1.00	0.00
H								
HETATM11229	C2	PRP	780	33.087	30.024	8.467	1.00	0.00
C								
HETATM11230	H4	PRP	780	33.838	29.235	8.438	1.00	0.00
H								
HETATM11231	O2	PRP	780	33.299	30.819	9.673	1.00	0.00
O								
HETATM11232	H5	PRP	780	32.774	31.614	9.555	1.00	0.00
H								
HETATM11233	C3	PRP	780	33.360	30.997	7.409	1.00	0.00
C								
HETATM11234	H6	PRP	780	32.470	31.575	7.161	1.00	0.00
H								
HETATM11235	H7	PRP	780	34.086	31.776	7.640	1.00	0.00
H								
HETATM11236	H8	PRP	780	33.708	30.459	6.527	1.00	0.00
H								
HETATM11237	O1	PRP	781	25.756	4.471	13.578	1.00	0.00
O								
HETATM11238	H1	PRP	781	25.292	4.184	12.788	1.00	0.00
H								
HETATM11239	C1	PRP	781	25.007	3.934	14.616	1.00	0.00
C								
HETATM11240	H2	PRP	781	24.141	4.595	14.648	1.00	0.00
H								
HETATM11241	H3	PRP	781	24.742	2.900	14.399	1.00	0.00
H								
HETATM11242	C2	PRP	781	25.701	3.947	16.056	1.00	0.00
C								
HETATM11243	H4	PRP	781	25.972	4.992	16.204	1.00	0.00
H								
HETATM11244	O2	PRP	781	26.838	3.120	16.154	1.00	0.00
O								
HETATM11245	H5	PRP	781	27.327	3.206	15.331	1.00	0.00
H								
HETATM11246	C3	PRP	781	24.647	3.471	16.955	1.00	0.00
C								
HETATM11247	H6	PRP	781	24.924	3.653	17.993	1.00	0.00
H								
HETATM11248	H7	PRP	781	23.700	3.982	16.780	1.00	0.00
H								
HETATM11249	H8	PRP	781	24.578	2.389	16.850	1.00	0.00
H								
HETATM11250	O1	PRP	782	23.879	3.740	11.379	1.00	0.00
O								
HETATM11251	H1	PRP	782	23.201	4.177	10.858	1.00	0.00
H								
HETATM11252	C1	PRP	782	24.325	2.617	10.630	1.00	0.00
C								
HETATM11253	H2	PRP	782	25.187	2.219	11.165	1.00	0.00
H								
HETATM11254	H3	PRP	782	23.493	1.913	10.603	1.00	0.00
H								
HETATM11255	C2	PRP	782	24.804	2.987	9.185	1.00	0.00
C								

HETATM11256	H4	PRP	782	25.536	3.792	9.120	1.00	0.00
H								
HETATM11257	O2	PRP	782	23.586	3.256	8.498	1.00	0.00
O								
HETATM11258	H5	PRP	782	22.992	2.564	8.800	1.00	0.00
H								
HETATM11259	C3	PRP	782	25.252	1.695	8.603	1.00	0.00
C								
HETATM11260	H6	PRP	782	26.043	1.214	9.179	1.00	0.00
H								
HETATM11261	H7	PRP	782	24.350	1.083	8.574	1.00	0.00
H								
HETATM11262	H8	PRP	782	25.541	1.779	7.555	1.00	0.00
H								
HETATM11263	O1	PRP	783	18.071	6.571	1.985	1.00	0.00
O								
HETATM11264	H1	PRP	783	17.905	7.152	2.732	1.00	0.00
H								
HETATM11265	C1	PRP	783	16.921	6.678	1.155	1.00	0.00
C								
HETATM11266	H2	PRP	783	16.029	6.430	1.729	1.00	0.00
H								
HETATM11267	H3	PRP	783	16.864	7.698	0.776	1.00	0.00
H								
HETATM11268	C2	PRP	783	17.083	5.668	-0.030	1.00	0.00
C								
HETATM11269	H4	PRP	783	16.965	4.668	0.387	1.00	0.00
H								
HETATM11270	O2	PRP	783	18.399	5.792	-0.537	1.00	0.00
O								
HETATM11271	H5	PRP	783	18.932	6.092	0.203	1.00	0.00
H								
HETATM11272	C3	PRP	783	16.084	5.910	-1.171	1.00	0.00
C								
HETATM11273	H6	PRP	783	16.352	6.853	-1.648	1.00	0.00
H								
HETATM11274	H7	PRP	783	16.098	5.123	-1.925	1.00	0.00
H								
HETATM11275	H8	PRP	783	15.095	6.140	-0.775	1.00	0.00
H								
HETATM11276	O1	PRP	784	25.675	10.499	4.193	1.00	0.00
O								
HETATM11277	H1	PRP	784	25.956	9.580	4.195	1.00	0.00
H								
HETATM11278	C1	PRP	784	25.027	10.965	2.989	1.00	0.00
C								
HETATM11279	H2	PRP	784	25.418	11.891	2.568	1.00	0.00
H								
HETATM11280	H3	PRP	784	25.167	10.157	2.271	1.00	0.00
H								
HETATM11281	C2	PRP	784	23.513	11.180	3.190	1.00	0.00
C								
HETATM11282	H4	PRP	784	23.448	11.814	4.074	1.00	0.00
H								
HETATM11283	O2	PRP	784	23.053	9.922	3.453	1.00	0.00
O								

HETATM11284	H5	PRP	784	23.439	9.551	4.250	1.00	0.00
H								
HETATM11285	C3	PRP	784	22.875	11.938	2.018	1.00	0.00
C								
HETATM11286	H6	PRP	784	21.917	12.304	2.389	1.00	0.00
H								
HETATM11287	H7	PRP	784	23.459	12.755	1.594	1.00	0.00
H								
HETATM11288	H8	PRP	784	22.773	11.126	1.298	1.00	0.00
H								
HETATM11289	O1	PRP	785	30.386	9.337	13.305	1.00	0.00
O								
HETATM11290	H1	PRP	785	29.955	10.012	13.836	1.00	0.00
H								
HETATM11291	C1	PRP	785	29.362	8.308	13.195	1.00	0.00
C								
HETATM11292	H2	PRP	785	28.476	8.629	12.648	1.00	0.00
H								
HETATM11293	H3	PRP	785	29.681	7.528	12.504	1.00	0.00
H								
HETATM11294	C2	PRP	785	29.063	7.736	14.616	1.00	0.00
C								
HETATM11295	H4	PRP	785	28.866	8.602	15.248	1.00	0.00
H								
HETATM11296	O2	PRP	785	30.248	7.037	15.067	1.00	0.00
O								
HETATM11297	H5	PRP	785	30.644	7.564	15.765	1.00	0.00
H								
HETATM11298	C3	PRP	785	27.860	6.770	14.492	1.00	0.00
C								
HETATM11299	H6	PRP	785	26.876	7.198	14.302	1.00	0.00
H								
HETATM11300	H7	PRP	785	28.087	5.924	13.843	1.00	0.00
H								
HETATM11301	H8	PRP	785	27.620	6.358	15.472	1.00	0.00
H								
HETATM11302	O1	PRP	786	33.667	34.255	-2.736	1.00	0.00
O								
HETATM11303	H1	PRP	786	34.003	33.609	-3.362	1.00	0.00
H								
HETATM11304	C1	PRP	786	34.891	34.700	-2.093	1.00	0.00
C								
HETATM11305	H2	PRP	786	35.508	33.819	-1.919	1.00	0.00
H								
HETATM11306	H3	PRP	786	35.439	35.346	-2.779	1.00	0.00
H								
HETATM11307	C2	PRP	786	34.756	35.586	-0.889	1.00	0.00
C								
HETATM11308	H4	PRP	786	35.544	36.260	-0.553	1.00	0.00
H								
HETATM11309	O2	PRP	786	34.573	34.786	0.287	1.00	0.00
O								
HETATM11310	H5	PRP	786	33.922	34.132	0.021	1.00	0.00
H								
HETATM11311	C3	PRP	786	33.602	36.474	-1.079	1.00	0.00
C								

HETATM11312	H6	PRP	786	33.810	37.058	-1.976	1.00	0.00
H								
HETATM11313	H7	PRP	786	32.718	35.845	-1.187	1.00	0.00
H								
HETATM11314	H8	PRP	786	33.551	37.071	-0.168	1.00	0.00
H								
HETATM11315	O1	PRP	787	34.319	24.725	6.894	1.00	0.00
O								
HETATM11316	H1	PRP	787	34.776	23.974	6.507	1.00	0.00
H								
HETATM11317	C1	PRP	787	33.877	24.348	8.204	1.00	0.00
C								
HETATM11318	H2	PRP	787	33.092	23.613	8.028	1.00	0.00
H								
HETATM11319	H3	PRP	787	34.745	23.900	8.689	1.00	0.00
H								
HETATM11320	C2	PRP	787	33.156	25.425	8.949	1.00	0.00
C								
HETATM11321	H4	PRP	787	32.135	25.439	8.567	1.00	0.00
H								
HETATM11322	O2	PRP	787	33.781	26.687	8.815	1.00	0.00
O								
HETATM11323	H5	PRP	787	33.133	27.395	8.811	1.00	0.00
H								
HETATM11324	C3	PRP	787	33.029	25.083	10.429	1.00	0.00
C								
HETATM11325	H6	PRP	787	33.973	25.029	10.971	1.00	0.00
H								
HETATM11326	H7	PRP	787	32.493	25.887	10.933	1.00	0.00
H								
HETATM11327	H8	PRP	787	32.431	24.186	10.591	1.00	0.00
H								
HETATM11328	O1	PRP	788	17.254	17.192	-3.990	1.00	0.00
O								
HETATM11329	H1	PRP	788	16.414	16.806	-3.732	1.00	0.00
H								
HETATM11330	C1	PRP	788	18.202	16.718	-2.973	1.00	0.00
C								
HETATM11331	H2	PRP	788	19.143	17.232	-3.168	1.00	0.00
H								
HETATM11332	H3	PRP	788	17.963	17.175	-2.013	1.00	0.00
H								
HETATM11333	C2	PRP	788	18.569	15.278	-2.882	1.00	0.00
C								
HETATM11334	H4	PRP	788	19.178	15.067	-3.761	1.00	0.00
H								
HETATM11335	O2	PRP	788	17.400	14.507	-2.688	1.00	0.00
O								
HETATM11336	H5	PRP	788	17.544	13.600	-2.967	1.00	0.00
H								
HETATM11337	C3	PRP	788	19.338	15.063	-1.630	1.00	0.00
C								
HETATM11338	H6	PRP	788	20.130	15.810	-1.578	1.00	0.00
H								
HETATM11339	H7	PRP	788	18.625	15.149	-0.809	1.00	0.00
H								

HETATM11340	H8	PRP	788	19.864	14.115	-1.516	1.00	0.00
H								
HETATM11341	O1	PRP	789	25.353	17.909	7.569	1.00	0.00
O								
HETATM11342	H1	PRP	789	25.731	17.135	7.144	1.00	0.00
H								
HETATM11343	C1	PRP	789	25.427	17.746	8.991	1.00	0.00
C								
HETATM11344	H2	PRP	789	26.481	17.847	9.249	1.00	0.00
H								
HETATM11345	H3	PRP	789	24.786	18.463	9.504	1.00	0.00
H								
HETATM11346	C2	PRP	789	24.808	16.342	9.406	1.00	0.00
C								
HETATM11347	H4	PRP	789	24.821	16.093	10.468	1.00	0.00
H								
HETATM11348	O2	PRP	789	25.722	15.480	8.798	1.00	0.00
O								
HETATM11349	H5	PRP	789	25.785	14.671	9.311	1.00	0.00
H								
HETATM11350	C3	PRP	789	23.410	15.958	8.734	1.00	0.00
C								
HETATM11351	H6	PRP	789	23.447	16.261	7.688	1.00	0.00
H								
HETATM11352	H7	PRP	789	23.235	14.884	8.797	1.00	0.00
H								
HETATM11353	H8	PRP	789	22.590	16.537	9.159	1.00	0.00
H								
HETATM11354	O1	PRP	790	18.043	10.537	15.831	1.00	0.00
O								
HETATM11355	H1	PRP	790	18.392	11.375	16.146	1.00	0.00
H								
HETATM11356	C1	PRP	790	19.107	9.701	16.141	1.00	0.00
C								
HETATM11357	H2	PRP	790	19.179	9.495	17.209	1.00	0.00
H								
HETATM11358	H3	PRP	790	18.956	8.794	15.556	1.00	0.00
H								
HETATM11359	C2	PRP	790	20.360	10.423	15.645	1.00	0.00
C								
HETATM11360	H4	PRP	790	21.146	9.830	16.112	1.00	0.00
H								
HETATM11361	O2	PRP	790	20.455	11.686	16.366	1.00	0.00
O								
HETATM11362	H5	PRP	790	19.874	12.347	15.983	1.00	0.00
H								
HETATM11363	C3	PRP	790	20.488	10.513	14.096	1.00	0.00
C								
HETATM11364	H6	PRP	790	21.353	11.096	13.781	1.00	0.00
H								
HETATM11365	H7	PRP	790	20.345	9.524	13.662	1.00	0.00
H								
HETATM11366	H8	PRP	790	19.691	11.177	13.761	1.00	0.00
H								
HETATM11367	O1	PRP	791	46.400	27.066	8.086	1.00	0.00
O								

HETATM11368	H1	PRP	791	46.348	26.165	8.413	1.00	0.00
H								
HETATM11369	C1	PRP	791	45.637	27.126	6.927	1.00	0.00
C								
HETATM11370	H2	PRP	791	45.878	26.283	6.279	1.00	0.00
H								
HETATM11371	H3	PRP	791	44.577	26.989	7.144	1.00	0.00
H								
HETATM11372	C2	PRP	791	45.925	28.361	6.061	1.00	0.00
C								
HETATM11373	H4	PRP	791	45.242	28.237	5.221	1.00	0.00
H								
HETATM11374	O2	PRP	791	47.299	28.294	5.667	1.00	0.00
O								
HETATM11375	H5	PRP	791	47.714	27.608	6.195	1.00	0.00
H								
HETATM11376	C3	PRP	791	45.739	29.725	6.698	1.00	0.00
C								
HETATM11377	H6	PRP	791	46.619	29.991	7.283	1.00	0.00
H								
HETATM11378	H7	PRP	791	45.625	30.518	5.959	1.00	0.00
H								
HETATM11379	H8	PRP	791	44.854	29.754	7.334	1.00	0.00
H								
HETATM11380	O1	PRP	792	38.222	20.510	11.974	1.00	0.00
O								
HETATM11381	H1	PRP	792	38.470	21.210	11.366	1.00	0.00
H								
HETATM11382	C1	PRP	792	39.462	19.725	12.240	1.00	0.00
C								
HETATM11383	H2	PRP	792	39.342	19.124	13.141	1.00	0.00
H								
HETATM11384	H3	PRP	792	39.601	19.037	11.406	1.00	0.00
H								
HETATM11385	C2	PRP	792	40.660	20.647	12.478	1.00	0.00
C								
HETATM11386	H4	PRP	792	40.419	21.191	13.392	1.00	0.00
H								
HETATM11387	O2	PRP	792	40.775	21.603	11.467	1.00	0.00
O								
HETATM11388	H5	PRP	792	41.303	21.350	10.706	1.00	0.00
H								
HETATM11389	C3	PRP	792	41.851	19.723	12.713	1.00	0.00
C								
HETATM11390	H6	PRP	792	41.567	18.730	13.060	1.00	0.00
H								
HETATM11391	H7	PRP	792	42.415	19.592	11.790	1.00	0.00
H								
HETATM11392	H8	PRP	792	42.587	20.120	13.412	1.00	0.00
H								
HETATM11393	O1	PRP	793	21.769	15.356	13.674	1.00	0.00
O								
HETATM11394	H1	PRP	793	21.466	15.796	12.876	1.00	0.00
H								
HETATM11395	C1	PRP	793	22.281	14.123	13.276	1.00	0.00
C								

HETATM11396	H2	PRP	793	23.362	14.187	13.157	1.00	0.00
H								
HETATM11397	H3	PRP	793	22.107	13.296	13.964	1.00	0.00
H								
HETATM11398	C2	PRP	793	21.739	13.772	11.871	1.00	0.00
C								
HETATM11399	H4	PRP	793	21.940	14.644	11.249	1.00	0.00
H								
HETATM11400	O2	PRP	793	20.350	13.535	12.020	1.00	0.00
O								
HETATM11401	H5	PRP	793	19.879	14.342	12.238	1.00	0.00
H								
HETATM11402	C3	PRP	793	22.395	12.555	11.224	1.00	0.00
C								
HETATM11403	H6	PRP	793	21.945	12.396	10.244	1.00	0.00
H								
HETATM11404	H7	PRP	793	23.453	12.754	11.054	1.00	0.00
H								
HETATM11405	H8	PRP	793	22.258	11.621	11.769	1.00	0.00
H								
HETATM11406	O1	PRP	794	35.010	12.071	11.098	1.00	0.00
O								
HETATM11407	H1	PRP	794	34.238	11.860	10.569	1.00	0.00
H								
HETATM11408	C1	PRP	794	34.727	13.162	11.913	1.00	0.00
C								
HETATM11409	H2	PRP	794	35.128	13.041	12.920	1.00	0.00
H								
HETATM11410	H3	PRP	794	35.063	14.079	11.429	1.00	0.00
H								
HETATM11411	C2	PRP	794	33.180	13.183	12.013	1.00	0.00
C								
HETATM11412	H4	PRP	794	32.859	13.029	13.043	1.00	0.00
H								
HETATM11413	O2	PRP	794	32.510	12.095	11.195	1.00	0.00
O								
HETATM11414	H5	PRP	794	32.637	11.234	11.599	1.00	0.00
H								
HETATM11415	C3	PRP	794	32.650	14.497	11.503	1.00	0.00
C								
HETATM11416	H6	PRP	794	32.930	14.676	10.464	1.00	0.00
H								
HETATM11417	H7	PRP	794	31.566	14.545	11.612	1.00	0.00
H								
HETATM11418	H8	PRP	794	33.183	15.299	12.012	1.00	0.00
H								
HETATM11419	O1	PRP	795	9.079	3.419	1.133	1.00	0.00
O								
HETATM11420	H1	PRP	795	9.035	2.752	0.444	1.00	0.00
H								
HETATM11421	C1	PRP	795	10.206	3.246	2.006	1.00	0.00
C								
HETATM11422	H2	PRP	795	10.279	2.182	2.235	1.00	0.00
H								
HETATM11423	H3	PRP	795	11.111	3.291	1.400	1.00	0.00
H								

HETATM11424	C2	PRP	795	10.263	4.189	3.283	1.00	0.00
C								
HETATM11425	H4	PRP	795	11.185	3.911	3.792	1.00	0.00
H								
HETATM11426	O2	PRP	795	9.138	3.986	4.024	1.00	0.00
O								
HETATM11427	H5	PRP	795	8.456	4.281	3.416	1.00	0.00
H								
HETATM11428	C3	PRP	795	10.356	5.700	3.031	1.00	0.00
C								
HETATM11429	H6	PRP	795	10.337	6.235	3.981	1.00	0.00
H								
HETATM11430	H7	PRP	795	11.304	5.901	2.533	1.00	0.00
H								
HETATM11431	H8	PRP	795	9.700	6.115	2.265	1.00	0.00
H								
HETATM11432	O1	PRP	796	17.776	19.163	0.550	1.00	0.00
O								
HETATM11433	H1	PRP	796	18.221	19.978	0.305	1.00	0.00
H								
HETATM11434	C1	PRP	796	17.166	19.185	1.842	1.00	0.00
C								
HETATM11435	H2	PRP	796	17.899	19.250	2.646	1.00	0.00
H								
HETATM11436	H3	PRP	796	16.599	20.109	1.955	1.00	0.00
H								
HETATM11437	C2	PRP	796	16.257	17.953	2.116	1.00	0.00
C								
HETATM11438	H4	PRP	796	16.766	17.014	1.898	1.00	0.00
H								
HETATM11439	O2	PRP	796	15.106	18.037	1.262	1.00	0.00
O								
HETATM11440	H5	PRP	796	15.309	18.273	0.353	1.00	0.00
H								
HETATM11441	C3	PRP	796	15.775	17.880	3.572	1.00	0.00
C								
HETATM11442	H6	PRP	796	16.584	17.580	4.238	1.00	0.00
H								
HETATM11443	H7	PRP	796	15.277	18.782	3.926	1.00	0.00
H								
HETATM11444	H8	PRP	796	14.999	17.117	3.615	1.00	0.00
H								
HETATM11445	O1	PRP	797	29.080	22.446	5.489	1.00	0.00
O								
HETATM11446	H1	PRP	797	28.545	21.742	5.114	1.00	0.00
H								
HETATM11447	C1	PRP	797	28.578	22.694	6.782	1.00	0.00
C								
HETATM11448	H2	PRP	797	29.043	23.645	7.044	1.00	0.00
H								
HETATM11449	H3	PRP	797	27.490	22.702	6.723	1.00	0.00
H								
HETATM11450	C2	PRP	797	29.039	21.682	7.823	1.00	0.00
C								
HETATM11451	H4	PRP	797	28.658	22.019	8.787	1.00	0.00
H								

HETATM11452	O2	PRP	797	30.415	21.689	7.899	1.00	0.00
O								
HETATM11453	H5	PRP	797	30.735	21.485	7.018	1.00	0.00
H								
HETATM11454	C3	PRP	797	28.639	20.270	7.463	1.00	0.00
C								
HETATM11455	H6	PRP	797	29.217	19.921	6.607	1.00	0.00
H								
HETATM11456	H7	PRP	797	28.904	19.626	8.302	1.00	0.00
H								
HETATM11457	H8	PRP	797	27.556	20.204	7.365	1.00	0.00
H								
HETATM11458	O1	PRP	798	57.355	22.138	12.186	1.00	0.00
O								
HETATM11459	H1	PRP	798	57.909	22.050	12.965	1.00	0.00
H								
HETATM11460	C1	PRP	798	56.306	21.158	12.210	1.00	0.00
C								
HETATM11461	H2	PRP	798	56.714	20.171	12.427	1.00	0.00
H								
HETATM11462	H3	PRP	798	55.706	21.435	13.077	1.00	0.00
H								
HETATM11463	C2	PRP	798	55.495	21.191	10.930	1.00	0.00
C								
HETATM11464	H4	PRP	798	56.197	21.215	10.096	1.00	0.00
H								
HETATM11465	O2	PRP	798	54.732	22.272	10.895	1.00	0.00
O								
HETATM11466	H5	PRP	798	54.852	22.735	10.063	1.00	0.00
H								
HETATM11467	C3	PRP	798	54.555	20.020	10.818	1.00	0.00
C								
HETATM11468	H6	PRP	798	53.966	20.066	9.902	1.00	0.00
H								
HETATM11469	H7	PRP	798	55.059	19.054	10.849	1.00	0.00
H								
HETATM11470	H8	PRP	798	53.858	20.056	11.655	1.00	0.00
H								
HETATM11471	O1	PRP	799	48.204	30.049	3.755	1.00	0.00
O								
HETATM11472	H1	PRP	799	48.021	29.446	4.479	1.00	0.00
H								
HETATM11473	C1	PRP	799	47.540	29.580	2.553	1.00	0.00
C								
HETATM11474	H2	PRP	799	48.074	28.659	2.322	1.00	0.00
H								
HETATM11475	H3	PRP	799	46.496	29.338	2.751	1.00	0.00
H								
HETATM11476	C2	PRP	799	47.580	30.585	1.396	1.00	0.00
C								
HETATM11477	H4	PRP	799	48.600	30.965	1.460	1.00	0.00
H								
HETATM11478	O2	PRP	799	46.692	31.649	1.782	1.00	0.00
O								
HETATM11479	H5	PRP	799	46.901	31.972	2.661	1.00	0.00
H								

HETATM11480	C3	PRP	799	47.139	29.955	0.039	1.00	0.00
C								
HETATM11481	H6	PRP	799	46.056	29.981	-0.079	1.00	0.00
H								
HETATM11482	H7	PRP	799	47.634	30.555	-0.726	1.00	0.00
H								
HETATM11483	H8	PRP	799	47.414	28.911	-0.112	1.00	0.00
H								
HETATM11484	O1	PRP	800	19.577	4.154	4.958	1.00	0.00
O								
HETATM11485	H1	PRP	800	19.540	3.217	4.751	1.00	0.00
H								
HETATM11486	C1	PRP	800	20.066	4.718	3.792	1.00	0.00
C								
HETATM11487	H2	PRP	800	19.656	5.726	3.731	1.00	0.00
H								
HETATM11488	H3	PRP	800	21.148	4.822	3.877	1.00	0.00
H								
HETATM11489	C2	PRP	800	19.626	3.860	2.604	1.00	0.00
C								
HETATM11490	H4	PRP	800	18.622	4.182	2.329	1.00	0.00
H								
HETATM11491	O2	PRP	800	19.834	2.513	2.970	1.00	0.00
O								
HETATM11492	H5	PRP	800	19.761	1.956	2.191	1.00	0.00
H								
HETATM11493	C3	PRP	800	20.575	4.345	1.438	1.00	0.00
C								
HETATM11494	H6	PRP	800	21.552	3.890	1.600	1.00	0.00
H								
HETATM11495	H7	PRP	800	20.170	3.881	0.539	1.00	0.00
H								
HETATM11496	H8	PRP	800	20.652	5.424	1.299	1.00	0.00
H								
HETATM11497	O1	PRP	801	2.205	6.969	3.455	1.00	0.00
O								
HETATM11498	H1	PRP	801	1.316	7.181	3.750	1.00	0.00
H								
HETATM11499	C1	PRP	801	2.928	8.193	3.562	1.00	0.00
C								
HETATM11500	H2	PRP	801	3.954	7.956	3.842	1.00	0.00
H								
HETATM11501	H3	PRP	801	2.956	8.739	2.619	1.00	0.00
H								
HETATM11502	C2	PRP	801	2.246	9.074	4.621	1.00	0.00
C								
HETATM11503	H4	PRP	801	2.227	8.670	5.634	1.00	0.00
H								
HETATM11504	O2	PRP	801	0.885	9.384	4.321	1.00	0.00
O								
HETATM11505	H5	PRP	801	0.689	9.692	3.433	1.00	0.00
H								
HETATM11506	C3	PRP	801	2.961	10.414	4.733	1.00	0.00
C								
HETATM11507	H6	PRP	801	2.928	10.784	5.758	1.00	0.00
H								

HETATM11508	H7	PRP	801	3.991	10.212	4.442	1.00	0.00
H								
HETATM11509	H8	PRP	801	2.560	11.165	4.052	1.00	0.00
H								
HETATM11510	O1	PRP	802	12.043	5.486	6.613	1.00	0.00
O								
HETATM11511	H1	PRP	802	11.770	5.277	7.510	1.00	0.00
H								
HETATM11512	C1	PRP	802	12.695	6.678	6.703	1.00	0.00
C								
HETATM11513	H2	PRP	802	13.479	6.852	5.966	1.00	0.00
H								
HETATM11514	H3	PRP	802	12.013	7.526	6.643	1.00	0.00
H								
HETATM11515	C2	PRP	802	13.373	6.632	8.069	1.00	0.00
C								
HETATM11516	H4	PRP	802	14.093	5.826	8.214	1.00	0.00
H								
HETATM11517	O2	PRP	802	12.371	6.532	9.125	1.00	0.00
O								
HETATM11518	H5	PRP	802	12.883	6.428	9.930	1.00	0.00
H								
HETATM11519	C3	PRP	802	14.161	7.954	8.242	1.00	0.00
C								
HETATM11520	H6	PRP	802	13.455	8.768	8.409	1.00	0.00
H								
HETATM11521	H7	PRP	802	14.838	7.935	9.096	1.00	0.00
H								
HETATM11522	H8	PRP	802	14.654	8.283	7.327	1.00	0.00
H								
HETATM11523	O1	PRP	803	17.611	8.766	13.255	1.00	0.00
O								
HETATM11524	H1	PRP	803	17.533	9.534	13.827	1.00	0.00
H								
HETATM11525	C1	PRP	803	17.735	9.117	11.959	1.00	0.00
C								
HETATM11526	H2	PRP	803	18.820	9.118	11.856	1.00	0.00
H								
HETATM11527	H3	PRP	803	17.186	8.375	11.379	1.00	0.00
H								
HETATM11528	C2	PRP	803	17.079	10.488	11.712	1.00	0.00
C								
HETATM11529	H4	PRP	803	16.977	11.004	12.667	1.00	0.00
H								
HETATM11530	O2	PRP	803	15.706	10.579	11.337	1.00	0.00
O								
HETATM11531	H5	PRP	803	15.154	10.508	12.120	1.00	0.00
H								
HETATM11532	C3	PRP	803	17.852	11.468	10.892	1.00	0.00
C								
HETATM11533	H6	PRP	803	17.312	12.414	10.864	1.00	0.00
H								
HETATM11534	H7	PRP	803	18.824	11.586	11.371	1.00	0.00
H								
HETATM11535	H8	PRP	803	17.955	11.124	9.863	1.00	0.00
H								

HETATM11536	O1	PRP	804	15.447	29.451	3.241	1.00	0.00
O								
HETATM11537	H1	PRP	804	15.119	28.610	2.912	1.00	0.00
H								
HETATM11538	C1	PRP	804	16.867	29.614	3.249	1.00	0.00
C								
HETATM11539	H2	PRP	804	17.103	29.291	4.263	1.00	0.00
H								
HETATM11540	H3	PRP	804	17.422	29.033	2.512	1.00	0.00
H								
HETATM11541	C2	PRP	804	17.267	31.040	3.127	1.00	0.00
C								
HETATM11542	H4	PRP	804	16.714	31.660	3.832	1.00	0.00
H								
HETATM11543	O2	PRP	804	16.943	31.412	1.863	1.00	0.00
O								
HETATM11544	H5	PRP	804	15.992	31.445	1.733	1.00	0.00
H								
HETATM11545	C3	PRP	804	18.738	31.377	3.340	1.00	0.00
C								
HETATM11546	H6	PRP	804	19.342	30.664	2.780	1.00	0.00
H								
HETATM11547	H7	PRP	804	19.035	32.368	2.997	1.00	0.00
H								
HETATM11548	H8	PRP	804	19.002	31.322	4.396	1.00	0.00
H								
HETATM11549	O1	PRP	805	23.910	33.563	10.623	1.00	0.00
O								
HETATM11550	H1	PRP	805	24.137	33.787	11.528	1.00	0.00
H								
HETATM11551	C1	PRP	805	24.762	32.451	10.356	1.00	0.00
C								
HETATM11552	H2	PRP	805	24.979	31.922	11.284	1.00	0.00
H								
HETATM11553	H3	PRP	805	24.301	31.807	9.607	1.00	0.00
H								
HETATM11554	C2	PRP	805	26.138	32.909	9.934	1.00	0.00
C								
HETATM11555	H4	PRP	805	26.777	32.229	10.497	1.00	0.00
H								
HETATM11556	O2	PRP	805	26.408	34.227	10.000	1.00	0.00
O								
HETATM11557	H5	PRP	805	26.350	34.472	10.926	1.00	0.00
H								
HETATM11558	C3	PRP	805	26.441	32.442	8.475	1.00	0.00
C								
HETATM11559	H6	PRP	805	26.472	31.353	8.428	1.00	0.00
H								
HETATM11560	H7	PRP	805	25.701	32.700	7.718	1.00	0.00
H								
HETATM11561	H8	PRP	805	27.464	32.776	8.303	1.00	0.00
H								
HETATM11562	O1	PRP	806	31.860	32.987	9.446	1.00	0.00
O								
HETATM11563	H1	PRP	806	31.992	33.921	9.270	1.00	0.00
H								

HETATM11564	C1	PRP	806	30.693	32.817	10.143	1.00	0.00
C								
HETATM11565	H2	PRP	806	29.852	33.278	9.625	1.00	0.00
H								
HETATM11566	H3	PRP	806	30.509	31.743	10.137	1.00	0.00
H								
HETATM11567	C2	PRP	806	30.654	33.292	11.615	1.00	0.00
C								
HETATM11568	H4	PRP	806	30.794	34.370	11.692	1.00	0.00
H								
HETATM11569	O2	PRP	806	31.535	32.601	12.518	1.00	0.00
O								
HETATM11570	H5	PRP	806	31.355	32.974	13.384	1.00	0.00
H								
HETATM11571	C3	PRP	806	29.264	33.119	12.122	1.00	0.00
C								
HETATM11572	H6	PRP	806	29.079	32.045	12.105	1.00	0.00
H								
HETATM11573	H7	PRP	806	29.120	33.459	13.147	1.00	0.00
H								
HETATM11574	H8	PRP	806	28.657	33.751	11.475	1.00	0.00
H								
HETATM11575	O1	PRP	807	16.883	-10.229	5.967	1.00	0.00
O								
HETATM11576	H1	PRP	807	16.728	-9.937	6.868	1.00	0.00
H								
HETATM11577	C1	PRP	807	18.101	-10.839	6.018	1.00	0.00
C								
HETATM11578	H2	PRP	807	18.875	-10.123	6.294	1.00	0.00
H								
HETATM11579	H3	PRP	807	18.069	-11.734	6.640	1.00	0.00
H								
HETATM11580	C2	PRP	807	18.485	-11.390	4.649	1.00	0.00
C								
HETATM11581	H4	PRP	807	18.571	-10.507	4.016	1.00	0.00
H								
HETATM11582	O2	PRP	807	17.661	-12.245	4.011	1.00	0.00
O								
HETATM11583	H5	PRP	807	16.859	-11.804	3.720	1.00	0.00
H								
HETATM11584	C3	PRP	807	19.893	-12.074	4.823	1.00	0.00
C								
HETATM11585	H6	PRP	807	20.517	-11.280	5.232	1.00	0.00
H								
HETATM11586	H7	PRP	807	19.835	-12.891	5.542	1.00	0.00
H								
HETATM11587	H8	PRP	807	20.313	-12.420	3.878	1.00	0.00
H								
HETATM11588	O1	PRP	808	17.862	-14.194	7.757	1.00	0.00
O								
HETATM11589	H1	PRP	808	18.471	-13.643	7.260	1.00	0.00
H								
HETATM11590	C1	PRP	808	18.145	-13.874	9.087	1.00	0.00
C								
HETATM11591	H2	PRP	808	17.249	-13.957	9.702	1.00	0.00
H								

HETATM11592	H3	PRP	808	18.994	-14.522	9.304	1.00	0.00
H								
HETATM11593	C2	PRP	808	18.671	-12.408	9.243	1.00	0.00
C								
HETATM11594	H4	PRP	808	17.908	-11.710	8.900	1.00	0.00
H								
HETATM11595	O2	PRP	808	19.851	-12.238	8.493	1.00	0.00
O								
HETATM11596	H5	PRP	808	20.201	-11.363	8.676	1.00	0.00
H								
HETATM11597	C3	PRP	808	18.864	-12.126	10.806	1.00	0.00
C								
HETATM11598	H6	PRP	808	17.984	-12.385	11.396	1.00	0.00
H								
HETATM11599	H7	PRP	808	19.634	-12.824	11.136	1.00	0.00
H								
HETATM11600	H8	PRP	808	19.207	-11.102	10.949	1.00	0.00
H								
HETATM11601	O1	PRP	809	14.357	4.204	1.762	1.00	0.00
O								
HETATM11602	H1	PRP	809	14.378	3.280	1.504	1.00	0.00
H								
HETATM11603	C1	PRP	809	14.292	4.393	3.194	1.00	0.00
C								
HETATM11604	H2	PRP	809	14.411	5.409	3.571	1.00	0.00
H								
HETATM11605	H3	PRP	809	13.297	4.072	3.502	1.00	0.00
H								
HETATM11606	C2	PRP	809	15.312	3.455	3.952	1.00	0.00
C								
HETATM11607	H4	PRP	809	16.337	3.559	3.596	1.00	0.00
H								
HETATM11608	O2	PRP	809	14.922	2.089	3.689	1.00	0.00
O								
HETATM11609	H5	PRP	809	15.408	1.375	4.109	1.00	0.00
H								
HETATM11610	C3	PRP	809	15.323	3.722	5.421	1.00	0.00
C								
HETATM11611	H6	PRP	809	14.620	3.052	5.914	1.00	0.00
H								
HETATM11612	H7	PRP	809	16.341	3.584	5.786	1.00	0.00
H								
HETATM11613	H8	PRP	809	14.884	4.698	5.625	1.00	0.00
H								
HETATM11614	O1	PRP	810	14.169	16.243	8.019	1.00	0.00
O								
HETATM11615	H1	PRP	810	14.459	15.548	7.424	1.00	0.00
H								
HETATM11616	C1	PRP	810	13.971	17.439	7.280	1.00	0.00
C								
HETATM11617	H2	PRP	810	14.536	18.270	7.702	1.00	0.00
H								
HETATM11618	H3	PRP	810	14.389	17.245	6.293	1.00	0.00
H								
HETATM11619	C2	PRP	810	12.491	17.892	7.050	1.00	0.00
C								

HETATM11620	H4	PRP	810	12.518	18.883	6.597	1.00	0.00
H								
HETATM11621	O2	PRP	810	11.831	17.958	8.236	1.00	0.00
O								
HETATM11622	H5	PRP	810	12.365	18.401	8.900	1.00	0.00
H								
HETATM11623	C3	PRP	810	11.856	16.903	6.042	1.00	0.00
C								
HETATM11624	H6	PRP	810	10.801	17.168	5.971	1.00	0.00
H								
HETATM11625	H7	PRP	810	12.394	17.113	5.118	1.00	0.00
H								
HETATM11626	H8	PRP	810	11.986	15.870	6.366	1.00	0.00
H								
HETATM11627	O1	PRP	811	23.876	32.523	-0.725	1.00	0.00
O								
HETATM11628	H1	PRP	811	24.168	33.398	-0.991	1.00	0.00
H								
HETATM11629	C1	PRP	811	22.772	32.605	0.097	1.00	0.00
C								
HETATM11630	H2	PRP	811	22.236	31.695	0.366	1.00	0.00
H								
HETATM11631	H3	PRP	811	23.158	33.145	0.962	1.00	0.00
H								
HETATM11632	C2	PRP	811	21.877	33.721	-0.451	1.00	0.00
C								
HETATM11633	H4	PRP	811	21.579	33.522	-1.480	1.00	0.00
H								
HETATM11634	O2	PRP	811	22.655	34.896	-0.517	1.00	0.00
O								
HETATM11635	H5	PRP	811	22.253	35.447	-1.192	1.00	0.00
H								
HETATM11636	C3	PRP	811	20.776	33.932	0.617	1.00	0.00
C								
HETATM11637	H6	PRP	811	19.758	34.034	0.243	1.00	0.00
H								
HETATM11638	H7	PRP	811	20.767	33.084	1.303	1.00	0.00
H								
HETATM11639	H8	PRP	811	21.023	34.802	1.226	1.00	0.00
H								
HETATM11640	O1	PRP	812	19.638	19.058	11.067	1.00	0.00
O								
HETATM11641	H1	PRP	812	18.827	18.705	11.438	1.00	0.00
H								
HETATM11642	C1	PRP	812	20.578	19.241	12.012	1.00	0.00
C								
HETATM11643	H2	PRP	812	20.796	20.307	12.078	1.00	0.00
H								
HETATM11644	H3	PRP	812	20.354	18.830	12.996	1.00	0.00
H								
HETATM11645	C2	PRP	812	21.793	18.465	11.542	1.00	0.00
C								
HETATM11646	H4	PRP	812	22.038	18.698	10.505	1.00	0.00
H								
HETATM11647	O2	PRP	812	21.465	17.136	11.477	1.00	0.00
O								

HETATM11648	H5	PRP	812	20.530	17.221	11.276	1.00	0.00
H								
HETATM11649	C3	PRP	812	23.053	18.660	12.341	1.00	0.00
C								
HETATM11650	H6	PRP	812	22.973	17.959	13.172	1.00	0.00
H								
HETATM11651	H7	PRP	812	23.863	18.296	11.709	1.00	0.00
H								
HETATM11652	H8	PRP	812	23.093	19.700	12.664	1.00	0.00
H								
HETATM11653	O1	PRP	813	25.400	20.025	5.769	1.00	0.00
O								
HETATM11654	H1	PRP	813	25.541	19.279	6.356	1.00	0.00
H								
HETATM11655	C1	PRP	813	23.984	20.490	5.716	1.00	0.00
C								
HETATM11656	H2	PRP	813	23.514	19.922	6.519	1.00	0.00
H								
HETATM11657	H3	PRP	813	24.011	21.575	5.823	1.00	0.00
H								
HETATM11658	C2	PRP	813	23.280	20.024	4.407	1.00	0.00
C								
HETATM11659	H4	PRP	813	23.695	19.046	4.164	1.00	0.00
H								
HETATM11660	O2	PRP	813	23.440	20.912	3.337	1.00	0.00
O								
HETATM11661	H5	PRP	813	24.372	21.132	3.282	1.00	0.00
H								
HETATM11662	C3	PRP	813	21.756	19.871	4.459	1.00	0.00
C								
HETATM11663	H6	PRP	813	21.427	19.496	3.490	1.00	0.00
H								
HETATM11664	H7	PRP	813	21.495	19.098	5.181	1.00	0.00
H								
HETATM11665	H8	PRP	813	21.188	20.769	4.704	1.00	0.00
H								
HETATM11666	O1	PRP	814	14.252	10.459	13.625	1.00	0.00
O								
HETATM11667	H1	PRP	814	14.532	10.947	14.403	1.00	0.00
H								
HETATM11668	C1	PRP	814	12.904	10.015	13.810	1.00	0.00
C								
HETATM11669	H2	PRP	814	12.912	9.233	14.568	1.00	0.00
H								
HETATM11670	H3	PRP	814	12.241	10.842	14.065	1.00	0.00
H								
HETATM11671	C2	PRP	814	12.423	9.243	12.515	1.00	0.00
C								
HETATM11672	H4	PRP	814	11.434	8.807	12.654	1.00	0.00
H								
HETATM11673	O2	PRP	814	13.388	8.308	12.060	1.00	0.00
O								
HETATM11674	H5	PRP	814	14.258	8.679	12.228	1.00	0.00
H								
HETATM11675	C3	PRP	814	12.112	10.285	11.433	1.00	0.00
C								

HETATM11676	H6	PRP	814	12.954	10.977	11.466	1.00	0.00
H								
HETATM11677	H7	PRP	814	11.982	9.791	10.470	1.00	0.00
H								
HETATM11678	H8	PRP	814	11.205	10.854	11.636	1.00	0.00
H								
HETATM11679	O1	PRP	815	4.844	15.716	5.850	1.00	0.00
O								
HETATM11680	H1	PRP	815	4.636	15.726	6.787	1.00	0.00
H								
HETATM11681	C1	PRP	815	4.527	14.543	5.237	1.00	0.00
C								
HETATM11682	H2	PRP	815	4.496	13.709	5.939	1.00	0.00
H								
HETATM11683	H3	PRP	815	3.614	14.666	4.654	1.00	0.00
H								
HETATM11684	C2	PRP	815	5.578	14.287	4.093	1.00	0.00
C								
HETATM11685	H4	PRP	815	6.591	14.514	4.423	1.00	0.00
H								
HETATM11686	O2	PRP	815	5.234	14.966	2.955	1.00	0.00
O								
HETATM11687	H5	PRP	815	4.931	15.842	3.202	1.00	0.00
H								
HETATM11688	C3	PRP	815	5.615	12.921	3.646	1.00	0.00
C								
HETATM11689	H6	PRP	815	6.528	12.719	3.087	1.00	0.00
H								
HETATM11690	H7	PRP	815	5.664	12.234	4.491	1.00	0.00
H								
HETATM11691	H8	PRP	815	4.792	12.639	2.990	1.00	0.00
H								
HETATM11692	O1	PRP	816	1.220	12.409	1.479	1.00	0.00
O								
HETATM11693	H1	PRP	816	1.798	12.614	0.740	1.00	0.00
H								
HETATM11694	C1	PRP	816	1.284	13.575	2.357	1.00	0.00
C								
HETATM11695	H2	PRP	816	2.301	13.922	2.541	1.00	0.00
H								
HETATM11696	H3	PRP	816	0.676	14.306	1.822	1.00	0.00
H								
HETATM11697	C2	PRP	816	0.628	13.370	3.706	1.00	0.00
C								
HETATM11698	H4	PRP	816	1.290	12.816	4.372	1.00	0.00
H								
HETATM11699	O2	PRP	816	-0.530	12.587	3.446	1.00	0.00
O								
HETATM11700	H5	PRP	816	-0.256	11.897	2.837	1.00	0.00
H								
HETATM11701	C3	PRP	816	0.213	14.637	4.516	1.00	0.00
C								
HETATM11702	H6	PRP	816	-0.424	15.170	3.810	1.00	0.00
H								
HETATM11703	H7	PRP	816	-0.235	14.351	5.467	1.00	0.00
H								

HETATM11704	H8	PRP	816	1.094	15.249	4.709	1.00	0.00
H								
HETATM11705	O1	PRP	817	32.480	15.686	15.323	1.00	0.00
O								
HETATM11706	H1	PRP	817	32.961	16.424	14.941	1.00	0.00
H								
HETATM11707	C1	PRP	817	31.789	16.272	16.412	1.00	0.00
C								
HETATM11708	H2	PRP	817	31.733	15.650	17.305	1.00	0.00
H								
HETATM11709	H3	PRP	817	32.288	17.153	16.815	1.00	0.00
H								
HETATM11710	C2	PRP	817	30.347	16.685	16.026	1.00	0.00
C								
HETATM11711	H4	PRP	817	29.882	16.017	15.301	1.00	0.00
H								
HETATM11712	O2	PRP	817	30.492	17.953	15.537	1.00	0.00
O								
HETATM11713	H5	PRP	817	30.680	17.874	14.598	1.00	0.00
H								
HETATM11714	C3	PRP	817	29.462	16.737	17.297	1.00	0.00
C								
HETATM11715	H6	PRP	817	29.257	15.857	17.907	1.00	0.00
H								
HETATM11716	H7	PRP	817	29.839	17.548	17.920	1.00	0.00
H								
HETATM11717	H8	PRP	817	28.494	17.154	17.021	1.00	0.00
H								
HETATM11718	O1	PRP	818	25.029	13.871	6.706	1.00	0.00
O								
HETATM11719	H1	PRP	818	25.433	14.445	7.361	1.00	0.00
H								
HETATM11720	C1	PRP	818	25.403	12.524	6.996	1.00	0.00
C								
HETATM11721	H2	PRP	818	25.041	11.846	6.223	1.00	0.00
H								
HETATM11722	H3	PRP	818	26.491	12.512	6.944	1.00	0.00
H								
HETATM11723	C2	PRP	818	24.841	12.224	8.417	1.00	0.00
C								
HETATM11724	H4	PRP	818	23.854	12.637	8.625	1.00	0.00
H								
HETATM11725	O2	PRP	818	25.779	12.859	9.246	1.00	0.00
O								
HETATM11726	H5	PRP	818	26.547	12.284	9.221	1.00	0.00
H								
HETATM11727	C3	PRP	818	24.671	10.701	8.590	1.00	0.00
C								
HETATM11728	H6	PRP	818	24.735	10.586	9.672	1.00	0.00
H								
HETATM11729	H7	PRP	818	23.773	10.275	8.142	1.00	0.00
H								
HETATM11730	H8	PRP	818	25.529	10.197	8.144	1.00	0.00
H								
HETATM11731	O1	PRP	819	-7.312	10.684	9.411	1.00	0.00
O								

HETATM11732	H1	PRP	819	-7.477	10.140	10.185	1.00	0.00
H								
HETATM11733	C1	PRP	819	-6.037	10.341	8.924	1.00	0.00
C								
HETATM11734	H2	PRP	819	-5.807	10.694	7.919	1.00	0.00
H								
HETATM11735	H3	PRP	819	-5.318	10.765	9.625	1.00	0.00
H								
HETATM11736	C2	PRP	819	-5.871	8.837	8.951	1.00	0.00
C								
HETATM11737	H4	PRP	819	-6.520	8.535	8.130	1.00	0.00
H								
HETATM11738	O2	PRP	819	-6.255	8.263	10.147	1.00	0.00
O								
HETATM11739	H5	PRP	819	-5.762	8.748	10.812	1.00	0.00
H								
HETATM11740	C3	PRP	819	-4.428	8.422	8.592	1.00	0.00
C								
HETATM11741	H6	PRP	819	-3.679	8.831	9.271	1.00	0.00
H								
HETATM11742	H7	PRP	819	-4.258	7.347	8.660	1.00	0.00
H								
HETATM11743	H8	PRP	819	-4.174	8.709	7.572	1.00	0.00
H								
HETATM11744	O1	PRP	820	30.813	17.428	11.798	1.00	0.00
O								
HETATM11745	H1	PRP	820	30.600	16.990	10.971	1.00	0.00
H								
HETATM11746	C1	PRP	820	31.740	18.419	11.578	1.00	0.00
C								
HETATM11747	H2	PRP	820	32.174	18.752	12.522	1.00	0.00
H								
HETATM11748	H3	PRP	820	32.561	18.003	10.996	1.00	0.00
H								
HETATM11749	C2	PRP	820	31.241	19.647	10.803	1.00	0.00
C								
HETATM11750	H4	PRP	820	30.245	19.883	11.177	1.00	0.00
H								
HETATM11751	O2	PRP	820	31.261	19.443	9.400	1.00	0.00
O								
HETATM11752	H5	PRP	820	30.891	20.217	8.971	1.00	0.00
H								
HETATM11753	C3	PRP	820	31.992	20.857	11.156	1.00	0.00
C								
HETATM11754	H6	PRP	820	33.073	20.754	11.053	1.00	0.00
H								
HETATM11755	H7	PRP	820	31.648	21.712	10.574	1.00	0.00
H								
HETATM11756	H8	PRP	820	31.857	21.279	12.151	1.00	0.00
H								
HETATM11757	O1	PRP	821	26.027	22.152	2.415	1.00	0.00
O								
HETATM11758	H1	PRP	821	26.263	23.058	2.624	1.00	0.00
H								
HETATM11759	C1	PRP	821	27.277	21.570	2.029	1.00	0.00
C								

HETATM11760	H2	PRP	821	27.231	21.351	0.963	1.00	0.00
H								
HETATM11761	H3	PRP	821	28.053	22.332	2.102	1.00	0.00
H								
HETATM11762	C2	PRP	821	27.698	20.349	2.850	1.00	0.00
C								
HETATM11763	H4	PRP	821	26.971	19.579	2.595	1.00	0.00
H								
HETATM11764	O2	PRP	821	27.608	20.609	4.250	1.00	0.00
O								
HETATM11765	H5	PRP	821	26.672	20.626	4.464	1.00	0.00
H								
HETATM11766	C3	PRP	821	29.163	19.884	2.623	1.00	0.00
C								
HETATM11767	H6	PRP	821	29.442	19.102	3.329	1.00	0.00
H								
HETATM11768	H7	PRP	821	29.193	19.309	1.698	1.00	0.00
H								
HETATM11769	H8	PRP	821	29.878	20.706	2.577	1.00	0.00
H								
HETATM11770	O1	PRP	822	35.933	40.916	23.232	1.00	0.00
O								
HETATM11771	H1	PRP	822	36.618	40.825	22.565	1.00	0.00
H								
HETATM11772	C1	PRP	822	34.725	41.234	22.626	1.00	0.00
C								
HETATM11773	H2	PRP	822	34.295	42.145	23.041	1.00	0.00
H								
HETATM11774	H3	PRP	822	34.691	41.417	21.552	1.00	0.00
H								
HETATM11775	C2	PRP	822	33.726	40.113	22.955	1.00	0.00
C								
HETATM11776	H4	PRP	822	33.656	40.075	24.042	1.00	0.00
H								
HETATM11777	O2	PRP	822	33.957	38.891	22.266	1.00	0.00
O								
HETATM11778	H5	PRP	822	34.886	38.713	22.428	1.00	0.00
H								
HETATM11779	C3	PRP	822	32.302	40.491	22.485	1.00	0.00
C								
HETATM11780	H6	PRP	822	31.689	39.608	22.669	1.00	0.00
H								
HETATM11781	H7	PRP	822	31.988	41.314	23.127	1.00	0.00
H								
HETATM11782	H8	PRP	822	32.395	40.886	21.473	1.00	0.00
H								
HETATM11783	O1	PRP	823	41.905	39.501	9.903	1.00	0.00
O								
HETATM11784	H1	PRP	823	42.747	39.100	10.129	1.00	0.00
H								
HETATM11785	C1	PRP	823	40.865	38.654	10.368	1.00	0.00
C								
HETATM11786	H2	PRP	823	40.696	37.893	9.607	1.00	0.00
H								
HETATM11787	H3	PRP	823	41.176	38.139	11.277	1.00	0.00
H								

HETATM11788	C2	PRP	823	39.522	39.418	10.602	1.00	0.00
C								
HETATM11789	H4	PRP	823	39.469	40.116	9.766	1.00	0.00
H								
HETATM11790	O2	PRP	823	39.706	40.183	11.728	1.00	0.00
O								
HETATM11791	H5	PRP	823	40.283	39.704	12.327	1.00	0.00
H								
HETATM11792	C3	PRP	823	38.248	38.538	10.610	1.00	0.00
C								
HETATM11793	H6	PRP	823	37.386	39.204	10.637	1.00	0.00
H								
HETATM11794	H7	PRP	823	38.234	38.092	9.616	1.00	0.00
H								
HETATM11795	H8	PRP	823	38.185	37.730	11.339	1.00	0.00
H								
HETATM11796	O1	PRP	824	39.481	41.028	17.212	1.00	0.00
O								
HETATM11797	H1	PRP	824	38.967	41.801	17.459	1.00	0.00
H								
HETATM11798	C1	PRP	824	38.785	40.361	16.122	1.00	0.00
C								
HETATM11799	H2	PRP	824	39.477	39.660	15.656	1.00	0.00
H								
HETATM11800	H3	PRP	824	37.941	39.764	16.466	1.00	0.00
H								
HETATM11801	C2	PRP	824	38.372	41.434	15.096	1.00	0.00
C								
HETATM11802	H4	PRP	824	39.219	41.924	14.616	1.00	0.00
H								
HETATM11803	O2	PRP	824	37.479	42.292	15.777	1.00	0.00
O								
HETATM11804	H5	PRP	824	36.684	42.268	15.239	1.00	0.00
H								
HETATM11805	C3	PRP	824	37.500	40.745	14.022	1.00	0.00
C								
HETATM11806	H6	PRP	824	36.690	40.227	14.535	1.00	0.00
H								
HETATM11807	H7	PRP	824	37.075	41.451	13.309	1.00	0.00
H								
HETATM11808	H8	PRP	824	38.136	39.943	13.649	1.00	0.00
H								
HETATM11809	O1	PRP	825	49.672	52.514	20.185	1.00	0.00
O								
HETATM11810	H1	PRP	825	49.604	52.786	21.103	1.00	0.00
H								
HETATM11811	C1	PRP	825	48.356	52.607	19.709	1.00	0.00
C								
HETATM11812	H2	PRP	825	47.635	52.522	20.522	1.00	0.00
H								
HETATM11813	H3	PRP	825	48.090	53.557	19.246	1.00	0.00
H								
HETATM11814	C2	PRP	825	48.187	51.415	18.785	1.00	0.00
C								
HETATM11815	H4	PRP	825	48.570	50.543	19.317	1.00	0.00
H								

HETATM11816	O2	PRP	825	48.861	51.655	17.495	1.00	0.00
O								
HETATM11817	H5	PRP	825	49.416	52.432	17.599	1.00	0.00
H								
HETATM11818	C3	PRP	825	46.762	51.026	18.447	1.00	0.00
C								
HETATM11819	H6	PRP	825	46.209	50.728	19.339	1.00	0.00
H								
HETATM11820	H7	PRP	825	46.290	51.984	18.231	1.00	0.00
H								
HETATM11821	H8	PRP	825	46.724	50.313	17.624	1.00	0.00
H								
HETATM11822	O1	PRP	826	44.884	31.849	18.700	1.00	0.00
O								
HETATM11823	H1	PRP	826	45.338	32.507	18.168	1.00	0.00
H								
HETATM11824	C1	PRP	826	44.865	32.270	20.033	1.00	0.00
C								
HETATM11825	H2	PRP	826	44.032	31.757	20.514	1.00	0.00
H								
HETATM11826	H3	PRP	826	45.857	32.183	20.477	1.00	0.00
H								
HETATM11827	C2	PRP	826	44.455	33.721	20.136	1.00	0.00
C								
HETATM11828	H4	PRP	826	43.532	33.763	19.557	1.00	0.00
H								
HETATM11829	O2	PRP	826	45.398	34.584	19.488	1.00	0.00
O								
HETATM11830	H5	PRP	826	46.211	34.240	19.865	1.00	0.00
H								
HETATM11831	C3	PRP	826	44.208	34.228	21.608	1.00	0.00
C								
HETATM11832	H6	PRP	826	43.370	33.621	21.952	1.00	0.00
H								
HETATM11833	H7	PRP	826	45.111	34.244	22.218	1.00	0.00
H								
HETATM11834	H8	PRP	826	43.813	35.244	21.622	1.00	0.00
H								
HETATM11835	O1	PRP	827	30.762	35.952	16.618	1.00	0.00
O								
HETATM11836	H1	PRP	827	29.973	35.413	16.524	1.00	0.00
H								
HETATM11837	C1	PRP	827	31.705	35.739	15.600	1.00	0.00
C								
HETATM11838	H2	PRP	827	31.404	36.119	14.623	1.00	0.00
H								
HETATM11839	H3	PRP	827	32.568	36.349	15.864	1.00	0.00
H								
HETATM11840	C2	PRP	827	32.193	34.287	15.481	1.00	0.00
C								
HETATM11841	H4	PRP	827	32.969	34.245	14.717	1.00	0.00
H								
HETATM11842	O2	PRP	827	31.048	33.472	15.169	1.00	0.00
O								
HETATM11843	H5	PRP	827	30.527	33.411	15.973	1.00	0.00
H								

HETATM11844	C3	PRP	827	32.655	33.759	16.896	1.00	0.00
C								
HETATM11845	H6	PRP	827	33.021	32.739	16.783	1.00	0.00
H								
HETATM11846	H7	PRP	827	33.448	34.395	17.290	1.00	0.00
H								
HETATM11847	H8	PRP	827	31.796	33.752	17.567	1.00	0.00
H								
HETATM11848	O1	PRP	828	37.467	45.566	14.378	1.00	0.00
O								
HETATM11849	H1	PRP	828	37.831	45.863	15.215	1.00	0.00
H								
HETATM11850	C1	PRP	828	38.004	46.414	13.351	1.00	0.00
C								
HETATM11851	H2	PRP	828	38.113	47.422	13.751	1.00	0.00
H								
HETATM11852	H3	PRP	828	38.973	46.031	13.029	1.00	0.00
H								
HETATM11853	C2	PRP	828	37.174	46.419	12.074	1.00	0.00
C								
HETATM11854	H4	PRP	828	36.199	46.879	12.237	1.00	0.00
H								
HETATM11855	O2	PRP	828	37.177	45.075	11.650	1.00	0.00
O								
HETATM11856	H5	PRP	828	37.029	44.627	12.486	1.00	0.00
H								
HETATM11857	C3	PRP	828	37.861	47.265	11.029	1.00	0.00
C								
HETATM11858	H6	PRP	828	38.584	46.693	10.448	1.00	0.00
H								
HETATM11859	H7	PRP	828	37.070	47.782	10.486	1.00	0.00
H								
HETATM11860	H8	PRP	828	38.297	48.133	11.524	1.00	0.00
H								
HETATM11861	O1	PRP	829	39.733	42.995	12.321	1.00	0.00
O								
HETATM11862	H1	PRP	829	40.055	42.092	12.367	1.00	0.00
H								
HETATM11863	C1	PRP	829	40.416	43.738	11.338	1.00	0.00
C								
HETATM11864	H2	PRP	829	39.683	44.432	10.925	1.00	0.00
H								
HETATM11865	H3	PRP	829	41.262	44.326	11.694	1.00	0.00
H								
HETATM11866	C2	PRP	829	40.940	42.852	10.228	1.00	0.00
C								
HETATM11867	H4	PRP	829	40.257	42.023	10.043	1.00	0.00
H								
HETATM11868	O2	PRP	829	42.163	42.255	10.652	1.00	0.00
O								
HETATM11869	H5	PRP	829	42.224	41.373	10.278	1.00	0.00
H								
HETATM11870	C3	PRP	829	41.017	43.587	8.883	1.00	0.00
C								
HETATM11871	H6	PRP	829	40.014	43.955	8.669	1.00	0.00
H								

HETATM11872	H7	PRP	829	41.711	44.424	8.966	1.00	0.00
H								
HETATM11873	H8	PRP	829	41.196	42.853	8.097	1.00	0.00
H								
HETATM11874	O1	PRP	830	42.898	41.973	20.694	1.00	0.00
O								
HETATM11875	H1	PRP	830	43.207	41.390	21.392	1.00	0.00
H								
HETATM11876	C1	PRP	830	43.320	41.369	19.520	1.00	0.00
C								
HETATM11877	H2	PRP	830	44.407	41.424	19.588	1.00	0.00
H								
HETATM11878	H3	PRP	830	42.861	40.381	19.495	1.00	0.00
H								
HETATM11879	C2	PRP	830	42.831	42.225	18.360	1.00	0.00
C								
HETATM11880	H4	PRP	830	42.070	42.942	18.670	1.00	0.00
H								
HETATM11881	O2	PRP	830	42.200	41.435	17.317	1.00	0.00
O								
HETATM11882	H5	PRP	830	41.326	41.132	17.576	1.00	0.00
H								
HETATM11883	C3	PRP	830	43.973	43.103	17.840	1.00	0.00
C								
HETATM11884	H6	PRP	830	44.379	43.758	18.610	1.00	0.00
H								
HETATM11885	H7	PRP	830	44.767	42.418	17.541	1.00	0.00
H								
HETATM11886	H8	PRP	830	43.535	43.782	17.108	1.00	0.00
H								
HETATM11887	O1	PRP	831	35.442	19.049	-1.019	1.00	0.00
O								
HETATM11888	H1	PRP	831	34.957	18.674	-1.758	1.00	0.00
H								
HETATM11889	C1	PRP	831	34.687	18.722	0.143	1.00	0.00
C								
HETATM11890	H2	PRP	831	34.295	17.708	0.222	1.00	0.00
H								
HETATM11891	H3	PRP	831	35.524	18.909	0.816	1.00	0.00
H								
HETATM11892	C2	PRP	831	33.547	19.804	0.463	1.00	0.00
C								
HETATM11893	H4	PRP	831	34.036	20.766	0.615	1.00	0.00
H								
HETATM11894	O2	PRP	831	32.750	19.489	1.591	1.00	0.00
O								
HETATM11895	H5	PRP	831	32.496	18.565	1.535	1.00	0.00
H								
HETATM11896	C3	PRP	831	32.643	19.855	-0.772	1.00	0.00
C								
HETATM11897	H6	PRP	831	32.182	18.868	-0.774	1.00	0.00
H								
HETATM11898	H7	PRP	831	31.818	20.542	-0.585	1.00	0.00
H								
HETATM11899	H8	PRP	831	33.193	20.085	-1.685	1.00	0.00
H								

HETATM11900	O1	PRP	832	39.363	35.955	15.278	1.00	0.00
O								
HETATM11901	H1	PRP	832	39.339	35.298	14.579	1.00	0.00
H								
HETATM11902	C1	PRP	832	38.047	36.437	15.285	1.00	0.00
C								
HETATM11903	H2	PRP	832	37.978	37.474	15.613	1.00	0.00
H								
HETATM11904	H3	PRP	832	37.589	36.440	14.296	1.00	0.00
H								
HETATM11905	C2	PRP	832	37.302	35.513	16.215	1.00	0.00
C								
HETATM11906	H4	PRP	832	37.881	35.482	17.138	1.00	0.00
H								
HETATM11907	O2	PRP	832	37.085	34.291	15.540	1.00	0.00
O								
HETATM11908	H5	PRP	832	37.880	33.770	15.674	1.00	0.00
H								
HETATM11909	C3	PRP	832	35.913	36.016	16.559	1.00	0.00
C								
HETATM11910	H6	PRP	832	35.143	35.663	15.873	1.00	0.00
H								
HETATM11911	H7	PRP	832	35.656	35.676	17.563	1.00	0.00
H								
HETATM11912	H8	PRP	832	36.038	37.094	16.660	1.00	0.00
H								
HETATM11913	O1	PRP	833	29.380	28.439	2.915	1.00	0.00
O								
HETATM11914	H1	PRP	833	28.568	28.407	3.426	1.00	0.00
H								
HETATM11915	C1	PRP	833	30.241	29.292	3.601	1.00	0.00
C								
HETATM11916	H2	PRP	833	29.837	30.276	3.839	1.00	0.00
H								
HETATM11917	H3	PRP	833	30.710	28.822	4.465	1.00	0.00
H								
HETATM11918	C2	PRP	833	31.409	29.611	2.675	1.00	0.00
C								
HETATM11919	H4	PRP	833	30.846	29.955	1.807	1.00	0.00
H								
HETATM11920	O2	PRP	833	32.187	28.478	2.331	1.00	0.00
O								
HETATM11921	H5	PRP	833	31.656	27.707	2.117	1.00	0.00
H								
HETATM11922	C3	PRP	833	32.242	30.794	3.239	1.00	0.00
C								
HETATM11923	H6	PRP	833	32.544	30.589	4.266	1.00	0.00
H								
HETATM11924	H7	PRP	833	33.166	30.881	2.668	1.00	0.00
H								
HETATM11925	H8	PRP	833	31.724	31.753	3.226	1.00	0.00
H								
HETATM11926	O1	PRP	834	47.545	32.061	14.417	1.00	0.00
O								
HETATM11927	H1	PRP	834	47.539	31.877	13.475	1.00	0.00
H								

HETATM11928	C1	PRP	834	48.768	31.634	14.980	1.00	0.00
C								
HETATM11929	H2	PRP	834	48.766	31.650	16.070	1.00	0.00
H								
HETATM11930	H3	PRP	834	49.103	30.633	14.706	1.00	0.00
H								
HETATM11931	C2	PRP	834	49.732	32.631	14.438	1.00	0.00
C								
HETATM11932	H4	PRP	834	49.502	33.585	14.912	1.00	0.00
H								
HETATM11933	O2	PRP	834	49.701	32.966	13.041	1.00	0.00
O								
HETATM11934	H5	PRP	834	49.550	32.192	12.493	1.00	0.00
H								
HETATM11935	C3	PRP	834	51.200	32.271	14.855	1.00	0.00
C								
HETATM11936	H6	PRP	834	51.524	31.492	14.164	1.00	0.00
H								
HETATM11937	H7	PRP	834	51.863	33.106	14.630	1.00	0.00
H								
HETATM11938	H8	PRP	834	51.250	32.055	15.923	1.00	0.00
H								
HETATM11939	O1	PRP	835	50.549	35.836	30.555	1.00	0.00
O								
HETATM11940	H1	PRP	835	50.800	36.107	31.442	1.00	0.00
H								
HETATM11941	C1	PRP	835	51.527	34.900	30.166	1.00	0.00
C								
HETATM11942	H2	PRP	835	51.053	33.922	30.078	1.00	0.00
H								
HETATM11943	H3	PRP	835	51.822	35.229	29.170	1.00	0.00
H								
HETATM11944	C2	PRP	835	52.650	34.839	31.195	1.00	0.00
C								
HETATM11945	H4	PRP	835	52.235	34.386	32.095	1.00	0.00
H								
HETATM11946	O2	PRP	835	53.225	36.114	31.412	1.00	0.00
O								
HETATM11947	H5	PRP	835	53.534	36.402	30.549	1.00	0.00
H								
HETATM11948	C3	PRP	835	53.767	33.967	30.663	1.00	0.00
C								
HETATM11949	H6	PRP	835	54.213	34.218	29.700	1.00	0.00
H								
HETATM11950	H7	PRP	835	54.552	34.005	31.418	1.00	0.00
H								
HETATM11951	H8	PRP	835	53.325	32.975	30.580	1.00	0.00
H								
HETATM11952	O1	PRP	836	32.606	21.776	3.109	1.00	0.00
O								
HETATM11953	H1	PRP	836	32.458	21.087	2.457	1.00	0.00
H								
HETATM11954	C1	PRP	836	33.468	21.211	4.080	1.00	0.00
C								
HETATM11955	H2	PRP	836	34.289	20.714	3.564	1.00	0.00
H								

HETATM11956	H3	PRP	836	33.892	22.026	4.667	1.00	0.00
H								
HETATM11957	C2	PRP	836	32.710	20.164	4.869	1.00	0.00
C								
HETATM11958	H4	PRP	836	32.316	19.486	4.111	1.00	0.00
H								
HETATM11959	O2	PRP	836	31.682	20.754	5.593	1.00	0.00
O								
HETATM11960	H5	PRP	836	31.082	21.183	4.979	1.00	0.00
H								
HETATM11961	C3	PRP	836	33.585	19.409	5.897	1.00	0.00
C								
HETATM11962	H6	PRP	836	33.086	18.593	6.420	1.00	0.00
H								
HETATM11963	H7	PRP	836	34.461	18.967	5.422	1.00	0.00
H								
HETATM11964	H8	PRP	836	33.884	20.121	6.666	1.00	0.00
H								
HETATM11965	O1	PRP	837	36.232	33.359	24.833	1.00	0.00
O								
HETATM11966	H1	PRP	837	36.143	34.235	24.450	1.00	0.00
H								
HETATM11967	C1	PRP	837	37.020	32.512	23.957	1.00	0.00
C								
HETATM11968	H2	PRP	837	37.047	31.470	24.274	1.00	0.00
H								
HETATM11969	H3	PRP	837	36.680	32.447	22.923	1.00	0.00
H								
HETATM11970	C2	PRP	837	38.517	32.882	23.902	1.00	0.00
C								
HETATM11971	H4	PRP	837	38.872	32.863	24.932	1.00	0.00
H								
HETATM11972	O2	PRP	837	38.801	34.086	23.210	1.00	0.00
O								
HETATM11973	H5	PRP	837	38.509	34.904	23.619	1.00	0.00
H								
HETATM11974	C3	PRP	837	39.271	31.832	23.155	1.00	0.00
C								
HETATM11975	H6	PRP	837	38.922	31.765	22.125	1.00	0.00
H								
HETATM11976	H7	PRP	837	40.328	32.092	23.107	1.00	0.00
H								
HETATM11977	H8	PRP	837	39.225	30.880	23.684	1.00	0.00
H								
HETATM11978	O1	PRP	838	26.240	37.402	13.500	1.00	0.00
O								
HETATM11979	H1	PRP	838	26.679	37.955	12.849	1.00	0.00
H								
HETATM11980	C1	PRP	838	24.971	37.735	13.855	1.00	0.00
C								
HETATM11981	H2	PRP	838	24.547	36.988	14.527	1.00	0.00
H								
HETATM11982	H3	PRP	838	24.970	38.654	14.441	1.00	0.00
H								
HETATM11983	C2	PRP	838	23.936	38.000	12.746	1.00	0.00
C								

HETATM11984	H4	PRP	838	24.483	38.539	11.972	1.00	0.00
H								
HETATM11985	O2	PRP	838	22.851	38.645	13.241	1.00	0.00
O								
HETATM11986	H5	PRP	838	22.315	38.055	13.776	1.00	0.00
H								
HETATM11987	C3	PRP	838	23.425	36.774	12.178	1.00	0.00
C								
HETATM11988	H6	PRP	838	22.699	36.989	11.394	1.00	0.00
H								
HETATM11989	H7	PRP	838	24.282	36.290	11.709	1.00	0.00
H								
HETATM11990	H8	PRP	838	22.960	36.228	12.998	1.00	0.00
H								
HETATM11991	O1	PRP	839	50.787	31.480	3.267	1.00	0.00
O								
HETATM11992	H1	PRP	839	50.071	30.911	3.558	1.00	0.00
H								
HETATM11993	C1	PRP	839	50.721	32.670	4.045	1.00	0.00
C								
HETATM11994	H2	PRP	839	51.752	33.016	4.120	1.00	0.00
H								
HETATM11995	H3	PRP	839	50.131	33.460	3.580	1.00	0.00
H								
HETATM11996	C2	PRP	839	50.273	32.462	5.496	1.00	0.00
C								
HETATM11997	H4	PRP	839	50.694	31.545	5.908	1.00	0.00
H								
HETATM11998	O2	PRP	839	48.928	32.310	5.491	1.00	0.00
O								
HETATM11999	H5	PRP	839	48.624	31.443	5.213	1.00	0.00
H								
HETATM12000	C3	PRP	839	50.670	33.669	6.383	1.00	0.00
C								
HETATM12001	H6	PRP	839	51.741	33.769	6.206	1.00	0.00
H								
HETATM12002	H7	PRP	839	50.282	34.575	5.917	1.00	0.00
H								
HETATM12003	H8	PRP	839	50.422	33.545	7.437	1.00	0.00
H								
HETATM12004	O1	PRP	840	34.488	42.571	9.777	1.00	0.00
O								
HETATM12005	H1	PRP	840	34.773	43.428	9.452	1.00	0.00
H								
HETATM12006	C1	PRP	840	35.509	42.074	10.627	1.00	0.00
C								
HETATM12007	H2	PRP	840	35.543	42.625	11.567	1.00	0.00
H								
HETATM12008	H3	PRP	840	35.197	41.092	10.984	1.00	0.00
H								
HETATM12009	C2	PRP	840	36.829	42.156	9.902	1.00	0.00
C								
HETATM12010	H4	PRP	840	37.618	41.854	10.592	1.00	0.00
H								
HETATM12011	O2	PRP	840	37.006	43.525	9.536	1.00	0.00
O								

HETATM12012	H5	PRP	840	37.146	44.019	10.347	1.00	0.00
H								
HETATM12013	C3	PRP	840	36.903	41.308	8.638	1.00	0.00
C								
HETATM12014	H6	PRP	840	36.597	40.262	8.654	1.00	0.00
H								
HETATM12015	H7	PRP	840	36.326	41.830	7.875	1.00	0.00
H								
HETATM12016	H8	PRP	840	37.926	41.401	8.273	1.00	0.00
H								
HETATM12017	O1	PRP	841	23.574	34.832	8.044	1.00	0.00
O								
HETATM12018	H1	PRP	841	23.745	34.531	8.939	1.00	0.00
H								
HETATM12019	C1	PRP	841	24.363	35.891	7.588	1.00	0.00
C								
HETATM12020	H2	PRP	841	25.415	35.745	7.831	1.00	0.00
H								
HETATM12021	H3	PRP	841	24.354	35.891	6.498	1.00	0.00
H								
HETATM12022	C2	PRP	841	23.868	37.206	8.330	1.00	0.00
C								
HETATM12023	H4	PRP	841	24.129	37.182	9.387	1.00	0.00
H								
HETATM12024	O2	PRP	841	22.486	37.398	8.332	1.00	0.00
O								
HETATM12025	H5	PRP	841	22.278	36.968	7.499	1.00	0.00
H								
HETATM12026	C3	PRP	841	24.538	38.447	7.729	1.00	0.00
C								
HETATM12027	H6	PRP	841	25.628	38.441	7.756	1.00	0.00
H								
HETATM12028	H7	PRP	841	24.307	38.558	6.670	1.00	0.00
H								
HETATM12029	H8	PRP	841	24.290	39.264	8.406	1.00	0.00
H								
HETATM12030	O1	PRP	842	-13.453	28.978	45.374	1.00	0.00
O								
HETATM12031	H1	PRP	842	-14.232	28.693	44.890	1.00	0.00
H								
HETATM12032	C1	PRP	842	-12.613	27.838	45.636	1.00	0.00
C								
HETATM12033	H2	PRP	842	-11.635	28.255	45.877	1.00	0.00
H								
HETATM12034	H3	PRP	842	-13.031	27.255	46.457	1.00	0.00
H								
HETATM12035	C2	PRP	842	-12.482	26.928	44.367	1.00	0.00
C								
HETATM12036	H4	PRP	842	-12.264	27.590	43.529	1.00	0.00
H								
HETATM12037	O2	PRP	842	-13.585	26.052	44.217	1.00	0.00
O								
HETATM12038	H5	PRP	842	-14.282	26.514	43.745	1.00	0.00
H								
HETATM12039	C3	PRP	842	-11.247	26.037	44.464	1.00	0.00
C								

HETATM12040	H6	PRP	842	-11.342	25.510	45.413	1.00	0.00
H								
HETATM12041	H7	PRP	842	-11.296	25.268	43.693	1.00	0.00
H								
HETATM12042	H8	PRP	842	-10.378	26.694	44.436	1.00	0.00
H								
HETATM12043	O1	PRP	843	3.064	25.145	21.040	1.00	0.00
O								
HETATM12044	H1	PRP	843	3.262	25.087	21.977	1.00	0.00
H								
HETATM12045	C1	PRP	843	4.253	24.932	20.285	1.00	0.00
C								
HETATM12046	H2	PRP	843	4.604	23.978	20.680	1.00	0.00
H								
HETATM12047	H3	PRP	843	4.025	24.844	19.223	1.00	0.00
H								
HETATM12048	C2	PRP	843	5.338	25.993	20.496	1.00	0.00
C								
HETATM12049	H4	PRP	843	5.389	26.197	21.565	1.00	0.00
H								
HETATM12050	O2	PRP	843	4.951	27.070	19.663	1.00	0.00
O								
HETATM12051	H5	PRP	843	3.993	27.006	19.674	1.00	0.00
H								
HETATM12052	C3	PRP	843	6.669	25.474	19.935	1.00	0.00
C								
HETATM12053	H6	PRP	843	6.733	24.387	19.991	1.00	0.00
H								
HETATM12054	H7	PRP	843	6.842	25.889	18.942	1.00	0.00
H								
HETATM12055	H8	PRP	843	7.478	25.860	20.555	1.00	0.00
H								
HETATM12056	O1	PRP	844	3.793	37.122	33.544	1.00	0.00
O								
HETATM12057	H1	PRP	844	2.881	37.320	33.769	1.00	0.00
H								
HETATM12058	C1	PRP	844	3.741	36.014	32.599	1.00	0.00
C								
HETATM12059	H2	PRP	844	3.141	35.202	33.008	1.00	0.00
H								
HETATM12060	H3	PRP	844	3.351	36.472	31.690	1.00	0.00
H								
HETATM12061	C2	PRP	844	5.128	35.374	32.395	1.00	0.00
C								
HETATM12062	H4	PRP	844	5.477	34.896	33.311	1.00	0.00
H								
HETATM12063	O2	PRP	844	6.179	36.136	31.844	1.00	0.00
O								
HETATM12064	H5	PRP	844	6.315	36.879	32.436	1.00	0.00
H								
HETATM12065	C3	PRP	844	5.080	34.241	31.343	1.00	0.00
C								
HETATM12066	H6	PRP	844	4.131	33.738	31.532	1.00	0.00
H								
HETATM12067	H7	PRP	844	5.123	34.576	30.307	1.00	0.00
H								

HETATM12068	H8	PRP	844	5.884	33.532	31.540	1.00	0.00
H								
HETATM12069	O1	PRP	845	2.964	41.811	27.282	1.00	0.00
O								
HETATM12070	H1	PRP	845	3.813	42.203	27.501	1.00	0.00
H								
HETATM12071	C1	PRP	845	2.626	40.821	28.283	1.00	0.00
C								
HETATM12072	H2	PRP	845	3.479	40.147	28.351	1.00	0.00
H								
HETATM12073	H3	PRP	845	2.468	41.348	29.224	1.00	0.00
H								
HETATM12074	C2	PRP	845	1.478	39.903	27.785	1.00	0.00
C								
HETATM12075	H4	PRP	845	1.276	39.073	28.463	1.00	0.00
H								
HETATM12076	O2	PRP	845	1.930	39.386	26.513	1.00	0.00
O								
HETATM12077	H5	PRP	845	2.453	40.151	26.263	1.00	0.00
H								
HETATM12078	C3	PRP	845	0.167	40.570	27.491	1.00	0.00
C								
HETATM12079	H6	PRP	845	-0.197	41.102	28.370	1.00	0.00
H								
HETATM12080	H7	PRP	845	0.241	41.324	26.707	1.00	0.00
H								
HETATM12081	H8	PRP	845	-0.587	39.899	27.082	1.00	0.00
H								
HETATM12082	O1	PRP	846	-9.094	26.431	29.371	1.00	0.00
O								
HETATM12083	H1	PRP	846	-9.105	26.671	30.300	1.00	0.00
H								
HETATM12084	C1	PRP	846	-8.525	27.439	28.533	1.00	0.00
C								
HETATM12085	H2	PRP	846	-9.327	28.165	28.397	1.00	0.00
H								
HETATM12086	H3	PRP	846	-7.684	27.956	28.995	1.00	0.00
H								
HETATM12087	C2	PRP	846	-8.104	26.747	27.265	1.00	0.00
C								
HETATM12088	H4	PRP	846	-7.585	27.475	26.641	1.00	0.00
H								
HETATM12089	O2	PRP	846	-9.284	26.269	26.650	1.00	0.00
O								
HETATM12090	H5	PRP	846	-9.768	26.066	27.454	1.00	0.00
H								
HETATM12091	C3	PRP	846	-7.154	25.564	27.587	1.00	0.00
C								
HETATM12092	H6	PRP	846	-6.548	25.238	26.742	1.00	0.00
H								
HETATM12093	H7	PRP	846	-6.291	25.795	28.211	1.00	0.00
H								
HETATM12094	H8	PRP	846	-7.722	24.801	28.118	1.00	0.00
H								
HETATM12095	O1	PRP	847	13.208	35.518	30.231	1.00	0.00
O								

HETATM12096	H1	PRP	847	12.306	35.339	29.956	1.00	0.00
H								
HETATM12097	C1	PRP	847	13.231	36.392	31.350	1.00	0.00
C								
HETATM12098	H2	PRP	847	14.285	36.598	31.535	1.00	0.00
H								
HETATM12099	H3	PRP	847	12.771	37.337	31.060	1.00	0.00
H								
HETATM12100	C2	PRP	847	12.419	35.892	32.562	1.00	0.00
C								
HETATM12101	H4	PRP	847	12.943	34.970	32.815	1.00	0.00
H								
HETATM12102	O2	PRP	847	11.041	35.712	32.447	1.00	0.00
O								
HETATM12103	H5	PRP	847	10.750	35.934	31.560	1.00	0.00
H								
HETATM12104	C3	PRP	847	12.503	36.833	33.749	1.00	0.00
C								
HETATM12105	H6	PRP	847	12.076	37.806	33.505	1.00	0.00
H								
HETATM12106	H7	PRP	847	11.909	36.436	34.572	1.00	0.00
H								
HETATM12107	H8	PRP	847	13.552	36.857	34.045	1.00	0.00
H								
HETATM12108	O1	PRP	848	-11.798	39.646	22.568	1.00	0.00
O								
HETATM12109	H1	PRP	848	-12.645	39.451	22.976	1.00	0.00
H								
HETATM12110	C1	PRP	848	-10.744	39.296	23.432	1.00	0.00
C								
HETATM12111	H2	PRP	848	-10.479	38.260	23.222	1.00	0.00
H								
HETATM12112	H3	PRP	848	-9.842	39.867	23.208	1.00	0.00
H								
HETATM12113	C2	PRP	848	-11.122	39.631	24.899	1.00	0.00
C								
HETATM12114	H4	PRP	848	-12.106	39.269	25.196	1.00	0.00
H								
HETATM12115	O2	PRP	848	-10.812	40.982	25.194	1.00	0.00
O								
HETATM12116	H5	PRP	848	-10.891	41.056	26.148	1.00	0.00
H								
HETATM12117	C3	PRP	848	-10.250	38.753	25.708	1.00	0.00
C								
HETATM12118	H6	PRP	848	-10.375	37.709	25.420	1.00	0.00
H								
HETATM12119	H7	PRP	848	-9.217	39.098	25.689	1.00	0.00
H								
HETATM12120	H8	PRP	848	-10.505	38.908	26.757	1.00	0.00
H								
HETATM12121	O1	PRP	849	-0.011	34.778	26.752	1.00	0.00
O								
HETATM12122	H1	PRP	849	-0.107	35.546	26.183	1.00	0.00
H								
HETATM12123	C1	PRP	849	-1.311	34.334	27.009	1.00	0.00
C								

HETATM12124	H2	PRP	849	-1.273	33.407	27.581	1.00	0.00
H								
HETATM12125	H3	PRP	849	-1.880	35.005	27.653	1.00	0.00
H								
HETATM12126	C2	PRP	849	-2.149	34.114	25.740	1.00	0.00
C								
HETATM12127	H4	PRP	849	-1.564	33.458	25.096	1.00	0.00
H								
HETATM12128	O2	PRP	849	-2.363	35.395	25.205	1.00	0.00
O								
HETATM12129	H5	PRP	849	-2.725	35.395	24.316	1.00	0.00
H								
HETATM12130	C3	PRP	849	-3.358	33.220	25.940	1.00	0.00
C								
HETATM12131	H6	PRP	849	-3.203	32.141	25.965	1.00	0.00
H								
HETATM12132	H7	PRP	849	-4.058	33.535	26.714	1.00	0.00
H								
HETATM12133	H8	PRP	849	-3.950	33.395	25.042	1.00	0.00
H								
HETATM12134	O1	PRP	850	3.055	34.958	17.450	1.00	0.00
O								
HETATM12135	H1	PRP	850	3.203	34.322	16.747	1.00	0.00
H								
HETATM12136	C1	PRP	850	3.319	34.362	18.726	1.00	0.00
C								
HETATM12137	H2	PRP	850	4.369	34.107	18.865	1.00	0.00
H								
HETATM12138	H3	PRP	850	3.144	35.094	19.514	1.00	0.00
H								
HETATM12139	C2	PRP	850	2.508	33.085	18.843	1.00	0.00
C								
HETATM12140	H4	PRP	850	2.944	32.551	19.687	1.00	0.00
H								
HETATM12141	O2	PRP	850	2.798	32.311	17.681	1.00	0.00
O								
HETATM12142	H5	PRP	850	3.503	31.670	17.802	1.00	0.00
H								
HETATM12143	C3	PRP	850	1.043	33.117	18.903	1.00	0.00
C								
HETATM12144	H6	PRP	850	0.759	33.822	19.684	1.00	0.00
H								
HETATM12145	H7	PRP	850	0.635	33.541	17.985	1.00	0.00
H								
HETATM12146	H8	PRP	850	0.753	32.103	19.179	1.00	0.00
H								
HETATM12147	O1	PRP	851	1.365	35.182	39.117	1.00	0.00
O								
HETATM12148	H1	PRP	851	2.047	35.353	38.464	1.00	0.00
H								
HETATM12149	C1	PRP	851	0.690	36.443	39.055	1.00	0.00
C								
HETATM12150	H2	PRP	851	-0.078	36.614	39.810	1.00	0.00
H								
HETATM12151	H3	PRP	851	1.503	37.161	39.165	1.00	0.00
H								

HETATM12152	C2	PRP	851	0.167	36.685	37.622	1.00	0.00
C								
HETATM12153	H4	PRP	851	-0.438	35.822	37.345	1.00	0.00
H								
HETATM12154	O2	PRP	851	1.284	36.886	36.672	1.00	0.00
O								
HETATM12155	H5	PRP	851	1.016	36.796	35.755	1.00	0.00
H								
HETATM12156	C3	PRP	851	-0.628	38.001	37.607	1.00	0.00
C								
HETATM12157	H6	PRP	851	-1.513	37.874	38.231	1.00	0.00
H								
HETATM12158	H7	PRP	851	-0.009	38.812	37.990	1.00	0.00
H								
HETATM12159	H8	PRP	851	-0.836	38.257	36.568	1.00	0.00
H								
HETATM12160	O1	PRP	852	12.204	39.066	24.513	1.00	0.00
O								
HETATM12161	H1	PRP	852	12.645	38.222	24.636	1.00	0.00
H								
HETATM12162	C1	PRP	852	12.813	39.819	23.512	1.00	0.00
C								
HETATM12163	H2	PRP	852	12.717	39.309	22.554	1.00	0.00
H								
HETATM12164	H3	PRP	852	12.260	40.753	23.412	1.00	0.00
H								
HETATM12165	C2	PRP	852	14.340	40.145	23.885	1.00	0.00
C								
HETATM12166	H4	PRP	852	14.493	39.973	24.950	1.00	0.00
H								
HETATM12167	O2	PRP	852	14.701	41.439	23.376	1.00	0.00
O								
HETATM12168	H5	PRP	852	14.158	42.049	23.881	1.00	0.00
H								
HETATM12169	C3	PRP	852	15.236	39.168	23.105	1.00	0.00
C								
HETATM12170	H6	PRP	852	14.934	38.125	23.195	1.00	0.00
H								
HETATM12171	H7	PRP	852	15.225	39.362	22.032	1.00	0.00
H								
HETATM12172	H8	PRP	852	16.285	39.150	23.400	1.00	0.00
H								
HETATM12173	O1	PRP	853	21.832	45.470	27.275	1.00	0.00
O								
HETATM12174	H1	PRP	853	20.998	45.645	27.717	1.00	0.00
H								
HETATM12175	C1	PRP	853	22.294	46.689	26.716	1.00	0.00
C								
HETATM12176	H2	PRP	853	22.527	47.279	27.603	1.00	0.00
H								
HETATM12177	H3	PRP	853	23.181	46.600	26.089	1.00	0.00
H								
HETATM12178	C2	PRP	853	21.179	47.436	25.928	1.00	0.00
C								
HETATM12179	H4	PRP	853	21.665	48.303	25.481	1.00	0.00
H								

HETATM12180	O2	PRP	853	20.167	47.855	26.913	1.00	0.00
O								
HETATM12181	H5	PRP	853	20.052	47.114	27.512	1.00	0.00
H								
HETATM12182	C3	PRP	853	20.485	46.494	24.931	1.00	0.00
C								
HETATM12183	H6	PRP	853	19.743	45.845	25.398	1.00	0.00
H								
HETATM12184	H7	PRP	853	19.902	47.110	24.247	1.00	0.00
H								
HETATM12185	H8	PRP	853	21.196	45.995	24.274	1.00	0.00
H								
HETATM12186	O1	PRP	854	18.812	50.258	27.735	1.00	0.00
O								
HETATM12187	H1	PRP	854	19.139	49.567	27.155	1.00	0.00
H								
HETATM12188	C1	PRP	854	19.704	51.325	27.463	1.00	0.00
C								
HETATM12189	H2	PRP	854	19.540	51.602	26.421	1.00	0.00
H								
HETATM12190	H3	PRP	854	19.364	52.158	28.077	1.00	0.00
H								
HETATM12191	C2	PRP	854	21.177	51.113	27.927	1.00	0.00
C								
HETATM12192	H4	PRP	854	21.685	52.077	27.947	1.00	0.00
H								
HETATM12193	O2	PRP	854	21.933	50.403	27.012	1.00	0.00
O								
HETATM12194	H5	PRP	854	21.531	49.581	26.719	1.00	0.00
H								
HETATM12195	C3	PRP	854	21.178	50.516	29.327	1.00	0.00
C								
HETATM12196	H6	PRP	854	21.253	49.431	29.398	1.00	0.00
H								
HETATM12197	H7	PRP	854	22.075	50.897	29.816	1.00	0.00
H								
HETATM12198	H8	PRP	854	20.290	50.798	29.893	1.00	0.00
H								
HETATM12199	O1	PRP	855	0.332	37.461	25.576	1.00	0.00
O								
HETATM12200	H1	PRP	855	0.792	38.242	25.890	1.00	0.00
H								
HETATM12201	C1	PRP	855	0.583	37.028	24.214	1.00	0.00
C								
HETATM12202	H2	PRP	855	1.049	36.048	24.317	1.00	0.00
H								
HETATM12203	H3	PRP	855	-0.376	36.950	23.703	1.00	0.00
H								
HETATM12204	C2	PRP	855	1.469	37.970	23.435	1.00	0.00
C								
HETATM12205	H4	PRP	855	2.394	37.948	24.011	1.00	0.00
H								
HETATM12206	O2	PRP	855	0.982	39.283	23.380	1.00	0.00
O								
HETATM12207	H5	PRP	855	0.218	39.236	22.801	1.00	0.00
H								

HETATM12208	C3	PRP	855	1.753	37.540	22.085	1.00	0.00
C								
HETATM12209	H6	PRP	855	2.161	36.529	22.120	1.00	0.00
H								
HETATM12210	H7	PRP	855	0.811	37.524	21.538	1.00	0.00
H								
HETATM12211	H8	PRP	855	2.446	38.159	21.515	1.00	0.00
H								
HETATM12212	O1	PRP	856	-13.470	39.356	13.423	1.00	0.00
O								
HETATM12213	H1	PRP	856	-13.216	38.753	14.126	1.00	0.00
H								
HETATM12214	C1	PRP	856	-13.380	40.770	13.838	1.00	0.00
C								
HETATM12215	H2	PRP	856	-13.908	41.347	13.079	1.00	0.00
H								
HETATM12216	H3	PRP	856	-13.947	41.024	14.733	1.00	0.00
H								
HETATM12217	C2	PRP	856	-11.948	41.226	13.967	1.00	0.00
C								
HETATM12218	H4	PRP	856	-11.455	40.764	13.112	1.00	0.00
H								
HETATM12219	O2	PRP	856	-11.309	40.686	15.151	1.00	0.00
O								
HETATM12220	H5	PRP	856	-11.748	41.143	15.872	1.00	0.00
H								
HETATM12221	C3	PRP	856	-11.771	42.754	13.926	1.00	0.00
C								
HETATM12222	H6	PRP	856	-10.812	43.059	14.342	1.00	0.00
H								
HETATM12223	H7	PRP	856	-11.885	43.020	12.875	1.00	0.00
H								
HETATM12224	H8	PRP	856	-12.561	43.282	14.461	1.00	0.00
H								
HETATM12225	O1	PRP	857	7.887	41.666	34.843	1.00	0.00
O								
HETATM12226	H1	PRP	857	6.937	41.730	34.723	1.00	0.00
H								
HETATM12227	C1	PRP	857	8.446	42.930	34.540	1.00	0.00
C								
HETATM12228	H2	PRP	857	9.483	42.927	34.873	1.00	0.00
H								
HETATM12229	H3	PRP	857	8.282	43.099	33.475	1.00	0.00
H								
HETATM12230	C2	PRP	857	7.554	43.913	35.339	1.00	0.00
C								
HETATM12231	H4	PRP	857	7.640	43.631	36.388	1.00	0.00
H								
HETATM12232	O2	PRP	857	6.165	43.848	34.958	1.00	0.00
O								
HETATM12233	H5	PRP	857	5.623	43.353	35.577	1.00	0.00
H								
HETATM12234	C3	PRP	857	7.974	45.334	35.031	1.00	0.00
C								
HETATM12235	H6	PRP	857	7.279	46.060	35.454	1.00	0.00
H								

HETATM12236	H7	PRP	857	8.963	45.595	35.408	1.00	0.00
H								
HETATM12237	H8	PRP	857	7.948	45.533	33.960	1.00	0.00
H								
HETATM12238	O1	PRP	858	-4.306	26.537	18.264	1.00	0.00
O								
HETATM12239	H1	PRP	858	-5.138	26.737	18.699	1.00	0.00
H								
HETATM12240	C1	PRP	858	-3.947	27.368	17.220	1.00	0.00
C								
HETATM12241	H2	PRP	858	-3.392	26.784	16.486	1.00	0.00
H								
HETATM12242	H3	PRP	858	-4.784	27.930	16.805	1.00	0.00
H								
HETATM12243	C2	PRP	858	-2.983	28.426	17.740	1.00	0.00
C								
HETATM12244	H4	PRP	858	-2.271	27.928	18.398	1.00	0.00
H								
HETATM12245	O2	PRP	858	-3.643	29.370	18.510	1.00	0.00
O								
HETATM12246	H5	PRP	858	-4.319	28.916	19.018	1.00	0.00
H								
HETATM12247	C3	PRP	858	-2.350	29.175	16.587	1.00	0.00
C								
HETATM12248	H6	PRP	858	-1.510	29.725	17.013	1.00	0.00
H								
HETATM12249	H7	PRP	858	-2.011	28.459	15.838	1.00	0.00
H								
HETATM12250	H8	PRP	858	-3.040	29.816	16.038	1.00	0.00
H								
HETATM12251	O1	PRP	859	4.680	30.766	18.652	1.00	0.00
O								
HETATM12252	H1	PRP	859	5.319	30.128	18.327	1.00	0.00
H								
HETATM12253	C1	PRP	859	4.615	30.465	20.049	1.00	0.00
C								
HETATM12254	H2	PRP	859	4.176	31.307	20.582	1.00	0.00
H								
HETATM12255	H3	PRP	859	3.878	29.674	20.187	1.00	0.00
H								
HETATM12256	C2	PRP	859	5.969	30.074	20.715	1.00	0.00
C								
HETATM12257	H4	PRP	859	6.523	31.011	20.776	1.00	0.00
H								
HETATM12258	O2	PRP	859	6.744	29.201	19.948	1.00	0.00
O								
HETATM12259	H5	PRP	859	6.286	28.371	19.798	1.00	0.00
H								
HETATM12260	C3	PRP	859	5.764	29.461	22.160	1.00	0.00
C								
HETATM12261	H6	PRP	859	5.014	30.071	22.663	1.00	0.00
H								
HETATM12262	H7	PRP	859	5.359	28.461	22.004	1.00	0.00
H								
HETATM12263	H8	PRP	859	6.746	29.449	22.634	1.00	0.00
H								

HETATM12264	O1	PRP	860	-0.670	24.342	12.789	1.00	0.00
O								
HETATM12265	H1	PRP	860	-0.477	23.635	12.168	1.00	0.00
H								
HETATM12266	C1	PRP	860	-1.535	23.826	13.867	1.00	0.00
C								
HETATM12267	H2	PRP	860	-1.115	22.898	14.255	1.00	0.00
H								
HETATM12268	H3	PRP	860	-1.633	24.558	14.668	1.00	0.00
H								
HETATM12269	C2	PRP	860	-2.968	23.496	13.384	1.00	0.00
C								
HETATM12270	H4	PRP	860	-3.527	23.451	14.319	1.00	0.00
H								
HETATM12271	O2	PRP	860	-3.061	22.217	12.887	1.00	0.00
O								
HETATM12272	H5	PRP	860	-2.798	22.335	11.971	1.00	0.00
H								
HETATM12273	C3	PRP	860	-3.561	24.546	12.524	1.00	0.00
C								
HETATM12274	H6	PRP	860	-3.605	25.521	13.009	1.00	0.00
H								
HETATM12275	H7	PRP	860	-2.898	24.695	11.672	1.00	0.00
H								
HETATM12276	H8	PRP	860	-4.557	24.279	12.172	1.00	0.00
H								
HETATM12277	O1	PRP	861	-6.551	22.498	14.084	1.00	0.00
O								
HETATM12278	H1	PRP	861	-6.620	21.840	13.387	1.00	0.00
H								
HETATM12279	C1	PRP	861	-6.847	21.811	15.294	1.00	0.00
C								
HETATM12280	H2	PRP	861	-7.837	22.159	15.589	1.00	0.00
H								
HETATM12281	H3	PRP	861	-6.794	20.726	15.206	1.00	0.00
H								
HETATM12282	C2	PRP	861	-5.673	22.290	16.234	1.00	0.00
C								
HETATM12283	H4	PRP	861	-5.617	23.379	16.249	1.00	0.00
H								
HETATM12284	O2	PRP	861	-4.382	21.781	15.956	1.00	0.00
O								
HETATM12285	H5	PRP	861	-4.182	22.064	15.060	1.00	0.00
H								
HETATM12286	C3	PRP	861	-5.924	21.857	17.615	1.00	0.00
C								
HETATM12287	H6	PRP	861	-5.522	20.871	17.848	1.00	0.00
H								
HETATM12288	H7	PRP	861	-5.548	22.528	18.388	1.00	0.00
H								
HETATM12289	H8	PRP	861	-7.008	21.780	17.701	1.00	0.00
H								
HETATM12290	O1	PRP	862	3.351	13.928	27.383	1.00	0.00
O								
HETATM12291	H1	PRP	862	2.391	13.910	27.399	1.00	0.00
H								

HETATM12292	C1	PRP	862	3.964	15.131	27.657	1.00	0.00
C								
HETATM12293	H2	PRP	862	3.836	15.345	28.718	1.00	0.00
H								
HETATM12294	H3	PRP	862	5.000	14.947	27.376	1.00	0.00
H								
HETATM12295	C2	PRP	862	3.418	16.197	26.647	1.00	0.00
C								
HETATM12296	H4	PRP	862	2.337	16.142	26.782	1.00	0.00
H								
HETATM12297	O2	PRP	862	3.973	15.858	25.453	1.00	0.00
O								
HETATM12298	H5	PRP	862	3.826	14.909	25.472	1.00	0.00
H								
HETATM12299	C3	PRP	862	3.955	17.652	26.967	1.00	0.00
C								
HETATM12300	H6	PRP	862	3.875	17.872	28.031	1.00	0.00
H								
HETATM12301	H7	PRP	862	5.029	17.710	26.789	1.00	0.00
H								
HETATM12302	H8	PRP	862	3.376	18.424	26.460	1.00	0.00
H								
HETATM12303	O1	PRP	863	-0.582	-2.401	37.042	1.00	0.00
O								
HETATM12304	H1	PRP	863	-1.150	-2.866	37.661	1.00	0.00
H								
HETATM12305	C1	PRP	863	-0.535	-3.269	35.920	1.00	0.00
C								
HETATM12306	H2	PRP	863	0.181	-4.050	36.173	1.00	0.00
H								
HETATM12307	H3	PRP	863	-1.494	-3.733	35.690	1.00	0.00
H								
HETATM12308	C2	PRP	863	-0.072	-2.397	34.663	1.00	0.00
C								
HETATM12309	H4	PRP	863	0.774	-1.741	34.867	1.00	0.00
H								
HETATM12310	O2	PRP	863	-1.129	-1.527	34.222	1.00	0.00
O								
HETATM12311	H5	PRP	863	-1.817	-1.582	34.889	1.00	0.00
H								
HETATM12312	C3	PRP	863	0.201	-3.258	33.476	1.00	0.00
C								
HETATM12313	H6	PRP	863	-0.623	-3.937	33.259	1.00	0.00
H								
HETATM12314	H7	PRP	863	0.293	-2.635	32.586	1.00	0.00
H								
HETATM12315	H8	PRP	863	1.057	-3.929	33.531	1.00	0.00
H								
HETATM12316	O1	PRP	864	-16.180	11.734	22.894	1.00	0.00
O								
HETATM12317	H1	PRP	864	-16.545	11.485	22.042	1.00	0.00
H								
HETATM12318	C1	PRP	864	-15.318	12.784	22.707	1.00	0.00
C								
HETATM12319	H2	PRP	864	-14.480	12.461	22.090	1.00	0.00
H								

HETATM12320	H3	PRP	864	-15.923	13.572	22.259	1.00	0.00
H								
HETATM12321	C2	PRP	864	-14.657	13.173	24.104	1.00	0.00
C								
HETATM12322	H4	PRP	864	-13.979	14.007	23.922	1.00	0.00
H								
HETATM12323	O2	PRP	864	-13.801	12.176	24.597	1.00	0.00
O								
HETATM12324	H5	PRP	864	-14.398	11.476	24.871	1.00	0.00
H								
HETATM12325	C3	PRP	864	-15.720	13.507	25.153	1.00	0.00
C								
HETATM12326	H6	PRP	864	-16.276	14.333	24.709	1.00	0.00
H								
HETATM12327	H7	PRP	864	-16.374	12.659	25.354	1.00	0.00
H								
HETATM12328	H8	PRP	864	-15.235	13.816	26.079	1.00	0.00
H								
HETATM12329	O1	PRP	865	-9.613	15.974	11.641	1.00	0.00
O								
HETATM12330	H1	PRP	865	-8.706	15.722	11.829	1.00	0.00
H								
HETATM12331	C1	PRP	865	-9.719	17.388	11.993	1.00	0.00
C								
HETATM12332	H2	PRP	865	-10.768	17.419	12.286	1.00	0.00
H								
HETATM12333	H3	PRP	865	-9.034	17.682	12.789	1.00	0.00
H								
HETATM12334	C2	PRP	865	-9.431	18.346	10.756	1.00	0.00
C								
HETATM12335	H4	PRP	865	-9.985	17.893	9.934	1.00	0.00
H								
HETATM12336	O2	PRP	865	-8.015	18.154	10.440	1.00	0.00
O								
HETATM12337	H5	PRP	865	-7.835	17.266	10.122	1.00	0.00
H								
HETATM12338	C3	PRP	865	-9.788	19.792	10.982	1.00	0.00
C								
HETATM12339	H6	PRP	865	-10.875	19.843	11.043	1.00	0.00
H								
HETATM12340	H7	PRP	865	-9.317	20.080	11.922	1.00	0.00
H								
HETATM12341	H8	PRP	865	-9.358	20.295	10.116	1.00	0.00
H								
HETATM12342	O1	PRP	866	7.566	16.163	30.364	1.00	0.00
O								
HETATM12343	H1	PRP	866	6.766	16.641	30.595	1.00	0.00
H								
HETATM12344	C1	PRP	866	7.017	14.998	29.822	1.00	0.00
C								
HETATM12345	H2	PRP	866	6.469	15.118	28.887	1.00	0.00
H								
HETATM12346	H3	PRP	866	7.777	14.252	29.591	1.00	0.00
H								
HETATM12347	C2	PRP	866	6.001	14.509	31.000	1.00	0.00
C								

HETATM12348	H4	PRP	866	5.473	13.606	30.696	1.00	0.00
H								
HETATM12349	O2	PRP	866	5.068	15.543	31.160	1.00	0.00
O								
HETATM12350	H5	PRP	866	4.280	15.084	31.459	1.00	0.00
H								
HETATM12351	C3	PRP	866	6.734	14.188	32.257	1.00	0.00
C								
HETATM12352	H6	PRP	866	7.738	13.791	32.104	1.00	0.00
H								
HETATM12353	H7	PRP	866	6.611	15.032	32.935	1.00	0.00
H								
HETATM12354	H8	PRP	866	6.202	13.368	32.740	1.00	0.00
H								
HETATM12355	O1	PRP	867	3.488	13.197	20.819	1.00	0.00
O								
HETATM12356	H1	PRP	867	3.694	13.027	21.741	1.00	0.00
H								
HETATM12357	C1	PRP	867	2.124	13.619	20.843	1.00	0.00
C								
HETATM12358	H2	PRP	867	1.960	14.063	21.825	1.00	0.00
H								
HETATM12359	H3	PRP	867	1.911	14.432	20.149	1.00	0.00
H								
HETATM12360	C2	PRP	867	1.090	12.581	20.628	1.00	0.00
C								
HETATM12361	H4	PRP	867	0.162	13.138	20.497	1.00	0.00
H								
HETATM12362	O2	PRP	867	1.028	11.700	21.802	1.00	0.00
O								
HETATM12363	H5	PRP	867	0.538	10.882	21.691	1.00	0.00
H								
HETATM12364	C3	PRP	867	1.368	11.849	19.303	1.00	0.00
C								
HETATM12365	H6	PRP	867	2.428	11.595	19.300	1.00	0.00
H								
HETATM12366	H7	PRP	867	0.743	10.959	19.240	1.00	0.00
H								
HETATM12367	H8	PRP	867	1.208	12.496	18.440	1.00	0.00
H								
HETATM12368	O1	PRP	868	-2.832	24.044	17.503	1.00	0.00
O								
HETATM12369	H1	PRP	868	-2.909	24.799	18.092	1.00	0.00
H								
HETATM12370	C1	PRP	868	-1.617	23.362	17.937	1.00	0.00
C								
HETATM12371	H2	PRP	868	-0.793	23.979	17.578	1.00	0.00
H								
HETATM12372	H3	PRP	868	-1.684	23.355	19.025	1.00	0.00
H								
HETATM12373	C2	PRP	868	-1.472	21.993	17.399	1.00	0.00
C								
HETATM12374	H4	PRP	868	-1.513	21.976	16.309	1.00	0.00
H								
HETATM12375	O2	PRP	868	-2.506	21.225	18.050	1.00	0.00
O								

HETATM12376	H5	PRP	868	-3.351	21.538	17.719	1.00	0.00
H								
HETATM12377	C3	PRP	868	-0.203	21.190	17.889	1.00	0.00
C								
HETATM12378	H6	PRP	868	0.099	21.606	18.850	1.00	0.00
H								
HETATM12379	H7	PRP	868	-0.269	20.105	17.962	1.00	0.00
H								
HETATM12380	H8	PRP	868	0.613	21.400	17.197	1.00	0.00
H								
HETATM12381	O1	PRP	869	-6.181	14.839	11.846	1.00	0.00
O								
HETATM12382	H1	PRP	869	-6.747	14.935	12.615	1.00	0.00
H								
HETATM12383	C1	PRP	869	-4.887	14.640	12.321	1.00	0.00
C								
HETATM12384	H2	PRP	869	-4.597	15.342	13.102	1.00	0.00
H								
HETATM12385	H3	PRP	869	-4.835	13.646	12.766	1.00	0.00
H								
HETATM12386	C2	PRP	869	-3.827	14.600	11.250	1.00	0.00
C								
HETATM12387	H4	PRP	869	-2.938	14.225	11.756	1.00	0.00
H								
HETATM12388	O2	PRP	869	-3.439	15.866	10.959	1.00	0.00
O								
HETATM12389	H5	PRP	869	-3.866	16.040	10.117	1.00	0.00
H								
HETATM12390	C3	PRP	869	-4.110	13.661	10.119	1.00	0.00
C								
HETATM12391	H6	PRP	869	-5.151	13.706	9.800	1.00	0.00
H								
HETATM12392	H7	PRP	869	-3.449	13.954	9.303	1.00	0.00
H								
HETATM12393	H8	PRP	869	-3.932	12.617	10.378	1.00	0.00
H								
HETATM12394	O1	PRP	870	-10.063	22.180	13.875	1.00	0.00
O								
HETATM12395	H1	PRP	870	-10.527	22.954	13.548	1.00	0.00
H								
HETATM12396	C1	PRP	870	-10.815	21.920	15.099	1.00	0.00
C								
HETATM12397	H2	PRP	870	-10.619	22.736	15.795	1.00	0.00
H								
HETATM12398	H3	PRP	870	-11.861	22.004	14.804	1.00	0.00
H								
HETATM12399	C2	PRP	870	-10.356	20.566	15.688	1.00	0.00
C								
HETATM12400	H4	PRP	870	-9.331	20.656	16.046	1.00	0.00
H								
HETATM12401	O2	PRP	870	-10.572	19.472	14.817	1.00	0.00
O								
HETATM12402	H5	PRP	870	-10.681	19.745	13.903	1.00	0.00
H								
HETATM12403	C3	PRP	870	-11.264	20.380	16.878	1.00	0.00
C								

HETATM12404	H6	PRP	870	-12.290	20.640	16.620	1.00	0.00
H								
HETATM12405	H7	PRP	870	-11.168	19.354	17.232	1.00	0.00
H								
HETATM12406	H8	PRP	870	-10.888	21.074	17.630	1.00	0.00
H								
HETATM12407	O1	PRP	871	0.573	14.505	16.076	1.00	0.00
O								
HETATM12408	H1	PRP	871	-0.012	13.746	16.036	1.00	0.00
H								
HETATM12409	C1	PRP	871	1.636	14.314	15.106	1.00	0.00
C								
HETATM12410	H2	PRP	871	2.610	14.471	15.570	1.00	0.00
H								
HETATM12411	H3	PRP	871	1.637	13.290	14.733	1.00	0.00
H								
HETATM12412	C2	PRP	871	1.398	15.088	13.765	1.00	0.00
C								
HETATM12413	H4	PRP	871	2.227	15.001	13.063	1.00	0.00
H								
HETATM12414	O2	PRP	871	1.160	16.457	14.032	1.00	0.00
O								
HETATM12415	H5	PRP	871	0.473	16.574	14.692	1.00	0.00
H								
HETATM12416	C3	PRP	871	0.116	14.615	12.987	1.00	0.00
C								
HETATM12417	H6	PRP	871	0.009	13.550	12.781	1.00	0.00
H								
HETATM12418	H7	PRP	871	-0.728	14.992	13.564	1.00	0.00
H								
HETATM12419	H8	PRP	871	0.081	15.014	11.973	1.00	0.00
H								
HETATM12420	O1	PRP	872	-8.408	14.321	31.050	1.00	0.00
O								
HETATM12421	H1	PRP	872	-7.892	14.888	31.628	1.00	0.00
H								
HETATM12422	C1	PRP	872	-8.632	14.971	29.766	1.00	0.00
C								
HETATM12423	H2	PRP	872	-7.667	15.049	29.264	1.00	0.00
H								
HETATM12424	H3	PRP	872	-9.376	14.348	29.271	1.00	0.00
H								
HETATM12425	C2	PRP	872	-9.300	16.320	30.163	1.00	0.00
C								
HETATM12426	H4	PRP	872	-8.702	16.775	30.954	1.00	0.00
H								
HETATM12427	O2	PRP	872	-10.526	16.199	30.764	1.00	0.00
O								
HETATM12428	H5	PRP	872	-11.087	15.738	30.136	1.00	0.00
H								
HETATM12429	C3	PRP	872	-9.367	17.317	29.071	1.00	0.00
C								
HETATM12430	H6	PRP	872	-8.366	17.610	28.753	1.00	0.00
H								
HETATM12431	H7	PRP	872	-9.870	16.971	28.168	1.00	0.00
H								

HETATM12432	H8	PRP	872	-9.882	18.234	29.355	1.00	0.00
H								
HETATM12433	O1	PRP	873	-5.793	17.899	14.117	1.00	0.00
O								
HETATM12434	H1	PRP	873	-6.711	18.081	14.329	1.00	0.00
H								
HETATM12435	C1	PRP	873	-5.464	18.126	12.747	1.00	0.00
C								
HETATM12436	H2	PRP	873	-4.448	17.739	12.667	1.00	0.00
H								
HETATM12437	H3	PRP	873	-6.114	17.591	12.055	1.00	0.00
H								
HETATM12438	C2	PRP	873	-5.362	19.571	12.265	1.00	0.00
C								
HETATM12439	H4	PRP	873	-4.845	20.146	13.032	1.00	0.00
H								
HETATM12440	O2	PRP	873	-6.672	20.067	12.185	1.00	0.00
O								
HETATM12441	H5	PRP	873	-7.142	19.584	11.501	1.00	0.00
H								
HETATM12442	C3	PRP	873	-4.704	19.575	10.946	1.00	0.00
C								
HETATM12443	H6	PRP	873	-4.409	20.584	10.661	1.00	0.00
H								
HETATM12444	H7	PRP	873	-3.771	19.012	10.994	1.00	0.00
H								
HETATM12445	H8	PRP	873	-5.405	19.127	10.242	1.00	0.00
H								
HETATM12446	O1	PRP	874	-9.112	11.928	27.886	1.00	0.00
O								
HETATM12447	H1	PRP	874	-9.206	11.659	26.970	1.00	0.00
H								
HETATM12448	C1	PRP	874	-7.746	11.730	28.285	1.00	0.00
C								
HETATM12449	H2	PRP	874	-7.726	11.887	29.363	1.00	0.00
H								
HETATM12450	H3	PRP	874	-7.265	10.767	28.113	1.00	0.00
H								
HETATM12451	C2	PRP	874	-6.888	12.895	27.626	1.00	0.00
C								
HETATM12452	H4	PRP	874	-7.276	13.913	27.611	1.00	0.00
H								
HETATM12453	O2	PRP	874	-6.446	12.531	26.385	1.00	0.00
O								
HETATM12454	H5	PRP	874	-7.036	11.988	25.857	1.00	0.00
H								
HETATM12455	C3	PRP	874	-5.562	12.890	28.334	1.00	0.00
C								
HETATM12456	H6	PRP	874	-4.864	13.485	27.746	1.00	0.00
H								
HETATM12457	H7	PRP	874	-5.717	13.372	29.299	1.00	0.00
H								
HETATM12458	H8	PRP	874	-5.124	11.904	28.491	1.00	0.00
H								
HETATM12459	O1	PRP	875	-13.140	4.823	37.930	1.00	0.00
O								

HETATM12460	H1	PRP	875	-13.212	4.807	36.973	1.00	0.00
H								
HETATM12461	C1	PRP	875	-12.692	6.197	38.163	1.00	0.00
C								
HETATM12462	H2	PRP	875	-12.766	6.326	39.243	1.00	0.00
H								
HETATM12463	H3	PRP	875	-11.701	6.262	37.713	1.00	0.00
H								
HETATM12464	C2	PRP	875	-13.603	7.275	37.500	1.00	0.00
C								
HETATM12465	H4	PRP	875	-13.313	8.252	37.886	1.00	0.00
H								
HETATM12466	O2	PRP	875	-14.981	7.146	37.763	1.00	0.00
O								
HETATM12467	H5	PRP	875	-15.484	7.946	37.588	1.00	0.00
H								
HETATM12468	C3	PRP	875	-13.458	7.069	36.019	1.00	0.00
C								
HETATM12469	H6	PRP	875	-14.110	6.261	35.685	1.00	0.00
H								
HETATM12470	H7	PRP	875	-13.869	7.889	35.431	1.00	0.00
H								
HETATM12471	H8	PRP	875	-12.445	6.894	35.656	1.00	0.00
H								
HETATM12472	O1	PRP	876	-5.804	20.277	5.640	1.00	0.00
O								
HETATM12473	H1	PRP	876	-5.825	19.440	5.170	1.00	0.00
H								
HETATM12474	C1	PRP	876	-6.066	19.963	6.993	1.00	0.00
C								
HETATM12475	H2	PRP	876	-5.140	19.903	7.565	1.00	0.00
H								
HETATM12476	H3	PRP	876	-6.710	20.705	7.464	1.00	0.00
H								
HETATM12477	C2	PRP	876	-6.918	18.701	7.041	1.00	0.00
C								
HETATM12478	H4	PRP	876	-6.738	18.287	8.033	1.00	0.00
H								
HETATM12479	O2	PRP	876	-6.496	17.710	6.147	1.00	0.00
O								
HETATM12480	H5	PRP	876	-7.119	17.010	6.355	1.00	0.00
H								
HETATM12481	C3	PRP	876	-8.419	18.912	6.912	1.00	0.00
C								
HETATM12482	H6	PRP	876	-8.910	17.993	6.592	1.00	0.00
H								
HETATM12483	H7	PRP	876	-8.892	19.197	7.852	1.00	0.00
H								
HETATM12484	H8	PRP	876	-8.674	19.603	6.109	1.00	0.00
H								
HETATM12485	O1	PRP	877	8.332	38.072	5.421	1.00	0.00
O								
HETATM12486	H1	PRP	877	7.436	38.304	5.678	1.00	0.00
H								
HETATM12487	C1	PRP	877	8.367	37.661	4.047	1.00	0.00
C								

HETATM12488	H2	PRP	877	7.548	37.022	3.715	1.00	0.00
H								
HETATM12489	H3	PRP	877	8.288	38.604	3.506	1.00	0.00
H								
HETATM12490	C2	PRP	877	9.768	37.122	3.570	1.00	0.00
C								
HETATM12491	H4	PRP	877	10.064	36.143	3.949	1.00	0.00
H								
HETATM12492	O2	PRP	877	10.765	37.996	4.089	1.00	0.00
O								
HETATM12493	H5	PRP	877	10.398	38.411	4.873	1.00	0.00
H								
HETATM12494	C3	PRP	877	9.680	37.011	2.077	1.00	0.00
C								
HETATM12495	H6	PRP	877	9.002	36.211	1.780	1.00	0.00
H								
HETATM12496	H7	PRP	877	9.466	37.937	1.544	1.00	0.00
H								
HETATM12497	H8	PRP	877	10.594	36.587	1.661	1.00	0.00
H								
HETATM12498	O1	PRP	878	-8.130	13.575	22.380	1.00	0.00
O								
HETATM12499	H1	PRP	878	-8.902	13.055	22.144	1.00	0.00
H								
HETATM12500	C1	PRP	878	-6.875	13.055	21.921	1.00	0.00
C								
HETATM12501	H2	PRP	878	-6.165	13.264	22.721	1.00	0.00
H								
HETATM12502	H3	PRP	878	-7.029	11.976	21.941	1.00	0.00
H								
HETATM12503	C2	PRP	878	-6.462	13.417	20.495	1.00	0.00
C								
HETATM12504	H4	PRP	878	-5.559	12.973	20.076	1.00	0.00
H								
HETATM12505	O2	PRP	878	-6.355	14.761	20.472	1.00	0.00
O								
HETATM12506	H5	PRP	878	-7.229	15.148	20.565	1.00	0.00
H								
HETATM12507	C3	PRP	878	-7.570	13.036	19.533	1.00	0.00
C								
HETATM12508	H6	PRP	878	-7.704	11.955	19.500	1.00	0.00
H								
HETATM12509	H7	PRP	878	-8.460	13.628	19.746	1.00	0.00
H								
HETATM12510	H8	PRP	878	-7.171	13.344	18.566	1.00	0.00
H								
HETATM12511	O1	PRP	879	-4.372	29.724	21.618	1.00	0.00
O								
HETATM12512	H1	PRP	879	-4.774	30.110	22.400	1.00	0.00
H								
HETATM12513	C1	PRP	879	-3.004	29.993	21.584	1.00	0.00
C								
HETATM12514	H2	PRP	879	-2.415	29.092	21.759	1.00	0.00
H								
HETATM12515	H3	PRP	879	-2.746	30.357	20.590	1.00	0.00
H								

HETATM12516	C2	PRP	879	-2.570	31.089	22.633	1.00	0.00
C								
HETATM12517	H4	PRP	879	-2.467	30.707	23.649	1.00	0.00
H								
HETATM12518	O2	PRP	879	-3.571	32.134	22.592	1.00	0.00
O								
HETATM12519	H5	PRP	879	-3.697	32.311	21.657	1.00	0.00
H								
HETATM12520	C3	PRP	879	-1.180	31.626	22.191	1.00	0.00
C								
HETATM12521	H6	PRP	879	-0.409	30.864	22.078	1.00	0.00
H								
HETATM12522	H7	PRP	879	-1.256	32.292	21.332	1.00	0.00
H								
HETATM12523	H8	PRP	879	-0.757	32.245	22.983	1.00	0.00
H								
HETATM12524	O1	PRP	880	3.873	36.079	25.114	1.00	0.00
O								
HETATM12525	H1	PRP	880	4.736	36.462	24.939	1.00	0.00
H								
HETATM12526	C1	PRP	880	3.461	36.491	26.364	1.00	0.00
C								
HETATM12527	H2	PRP	880	3.806	37.469	26.701	1.00	0.00
H								
HETATM12528	H3	PRP	880	2.385	36.555	26.201	1.00	0.00
H								
HETATM12529	C2	PRP	880	3.636	35.434	27.443	1.00	0.00
C								
HETATM12530	H4	PRP	880	4.605	34.935	27.427	1.00	0.00
H								
HETATM12531	O2	PRP	880	2.770	34.340	27.143	1.00	0.00
O								
HETATM12532	H5	PRP	880	1.925	34.796	27.106	1.00	0.00
H								
HETATM12533	C3	PRP	880	3.178	36.037	28.759	1.00	0.00
C								
HETATM12534	H6	PRP	880	4.051	36.614	29.064	1.00	0.00
H								
HETATM12535	H7	PRP	880	2.339	36.724	28.649	1.00	0.00
H								
HETATM12536	H8	PRP	880	3.053	35.262	29.516	1.00	0.00
H								
HETATM12537	O1	PRP	881	-2.676	30.479	30.192	1.00	0.00
O								
HETATM12538	H1	PRP	881	-3.056	29.860	29.565	1.00	0.00
H								
HETATM12539	C1	PRP	881	-3.082	29.987	31.497	1.00	0.00
C								
HETATM12540	H2	PRP	881	-4.027	29.444	31.547	1.00	0.00
H								
HETATM12541	H3	PRP	881	-2.419	29.155	31.735	1.00	0.00
H								
HETATM12542	C2	PRP	881	-3.007	31.096	32.602	1.00	0.00
C								
HETATM12543	H4	PRP	881	-3.450	32.008	32.202	1.00	0.00
H								

HETATM12544	O2	PRP	881	-1.749	31.231	33.155	1.00	0.00
O								
HETATM12545	H5	PRP	881	-1.116	31.109	32.443	1.00	0.00
H								
HETATM12546	C3	PRP	881	-4.084	30.815	33.743	1.00	0.00
C								
HETATM12547	H6	PRP	881	-5.103	30.808	33.354	1.00	0.00
H								
HETATM12548	H7	PRP	881	-3.913	29.907	34.322	1.00	0.00
H								
HETATM12549	H8	PRP	881	-4.004	31.609	34.486	1.00	0.00
H								
HETATM12550	O1	PRP	882	8.325	39.150	33.553	1.00	0.00
O								
HETATM12551	H1	PRP	882	8.082	39.840	34.175	1.00	0.00
H								
HETATM12552	C1	PRP	882	8.649	37.939	34.200	1.00	0.00
C								
HETATM12553	H2	PRP	882	8.714	37.088	33.522	1.00	0.00
H								
HETATM12554	H3	PRP	882	9.629	38.090	34.653	1.00	0.00
H								
HETATM12555	C2	PRP	882	7.626	37.646	35.331	1.00	0.00
C								
HETATM12556	H4	PRP	882	6.605	37.565	34.959	1.00	0.00
H								
HETATM12557	O2	PRP	882	7.709	38.546	36.444	1.00	0.00
O								
HETATM12558	H5	PRP	882	8.632	38.802	36.509	1.00	0.00
H								
HETATM12559	C3	PRP	882	7.875	36.253	35.997	1.00	0.00
C								
HETATM12560	H6	PRP	882	7.873	35.427	35.285	1.00	0.00
H								
HETATM12561	H7	PRP	882	8.779	36.382	36.592	1.00	0.00
H								
HETATM12562	H8	PRP	882	7.100	36.013	36.725	1.00	0.00
H								
HETATM12563	O1	PRP	883	5.718	42.532	28.458	1.00	0.00
O								
HETATM12564	H1	PRP	883	6.548	42.916	28.166	1.00	0.00
H								
HETATM12565	C1	PRP	883	5.715	42.739	29.812	1.00	0.00
C								
HETATM12566	H2	PRP	883	4.773	42.489	30.300	1.00	0.00
H								
HETATM12567	H3	PRP	883	6.531	42.189	30.280	1.00	0.00
H								
HETATM12568	C2	PRP	883	6.143	44.222	30.001	1.00	0.00
C								
HETATM12569	H4	PRP	883	5.448	44.825	29.417	1.00	0.00
H								
HETATM12570	O2	PRP	883	7.408	44.519	29.451	1.00	0.00
O								
HETATM12571	H5	PRP	883	7.946	45.011	30.075	1.00	0.00
H								

HETATM12572	C3	PRP	883	6.227	44.528	31.515	1.00	0.00
C								
HETATM12573	H6	PRP	883	6.167	45.599	31.711	1.00	0.00
H								
HETATM12574	H7	PRP	883	5.300	44.090	31.887	1.00	0.00
H								
HETATM12575	H8	PRP	883	7.028	44.077	32.100	1.00	0.00
H								
HETATM12576	O1	PRP	884	6.535	48.317	13.676	1.00	0.00
O								
HETATM12577	H1	PRP	884	5.621	48.526	13.883	1.00	0.00
H								
HETATM12578	C1	PRP	884	7.213	47.862	14.882	1.00	0.00
C								
HETATM12579	H2	PRP	884	7.246	48.711	15.566	1.00	0.00
H								
HETATM12580	H3	PRP	884	6.619	47.041	15.284	1.00	0.00
H								
HETATM12581	C2	PRP	884	8.667	47.390	14.653	1.00	0.00
C								
HETATM12582	H4	PRP	884	9.103	48.045	13.899	1.00	0.00
H								
HETATM12583	O2	PRP	884	8.629	46.033	14.179	1.00	0.00
O								
HETATM12584	H5	PRP	884	8.015	46.023	13.441	1.00	0.00
H								
HETATM12585	C3	PRP	884	9.428	47.381	15.985	1.00	0.00
C								
HETATM12586	H6	PRP	884	9.005	46.650	16.674	1.00	0.00
H								
HETATM12587	H7	PRP	884	10.495	47.209	15.844	1.00	0.00
H								
HETATM12588	H8	PRP	884	9.474	48.334	16.513	1.00	0.00
H								
HETATM12589	O1	PRP	885	-5.682	25.999	24.117	1.00	0.00
O								
HETATM12590	H1	PRP	885	-6.363	25.417	24.460	1.00	0.00
H								
HETATM12591	C1	PRP	885	-5.038	25.329	23.095	1.00	0.00
C								
HETATM12592	H2	PRP	885	-4.508	24.472	23.512	1.00	0.00
H								
HETATM12593	H3	PRP	885	-5.741	24.825	22.431	1.00	0.00
H								
HETATM12594	C2	PRP	885	-4.188	26.269	22.286	1.00	0.00
C								
HETATM12595	H4	PRP	885	-3.562	26.897	22.920	1.00	0.00
H								
HETATM12596	O2	PRP	885	-5.023	27.097	21.496	1.00	0.00
O								
HETATM12597	H5	PRP	885	-4.527	27.914	21.401	1.00	0.00
H								
HETATM12598	C3	PRP	885	-3.294	25.464	21.248	1.00	0.00
C								
HETATM12599	H6	PRP	885	-2.466	25.035	21.813	1.00	0.00
H								

HETATM12600	H7	PRP	885	-3.849	24.681	20.732	1.00	0.00
H								
HETATM12601	H8	PRP	885	-2.892	26.144	20.497	1.00	0.00
H								
HETATM12602	O1	PRP	886	5.242	21.089	27.047	1.00	0.00
O								
HETATM12603	H1	PRP	886	4.907	20.217	26.826	1.00	0.00
H								
HETATM12604	C1	PRP	886	4.320	21.609	27.927	1.00	0.00
C								
HETATM12605	H2	PRP	886	3.836	20.837	28.525	1.00	0.00
H								
HETATM12606	H3	PRP	886	4.662	22.354	28.645	1.00	0.00
H								
HETATM12607	C2	PRP	886	3.144	22.204	27.074	1.00	0.00
C								
HETATM12608	H4	PRP	886	2.949	21.601	26.187	1.00	0.00
H								
HETATM12609	O2	PRP	886	3.460	23.522	26.580	1.00	0.00
O								
HETATM12610	H5	PRP	886	2.585	23.897	26.457	1.00	0.00
H								
HETATM12611	C3	PRP	886	1.887	22.210	27.831	1.00	0.00
C								
HETATM12612	H6	PRP	886	1.804	21.228	28.297	1.00	0.00
H								
HETATM12613	H7	PRP	886	1.831	23.007	28.573	1.00	0.00
H								
HETATM12614	H8	PRP	886	1.044	22.251	27.141	1.00	0.00
H								
HETATM12615	O1	PRP	887	6.315	35.719	19.807	1.00	0.00
O								
HETATM12616	H1	PRP	887	6.303	36.634	19.519	1.00	0.00
H								
HETATM12617	C1	PRP	887	7.083	34.998	18.841	1.00	0.00
C								
HETATM12618	H2	PRP	887	6.721	35.215	17.836	1.00	0.00
H								
HETATM12619	H3	PRP	887	8.087	35.419	18.878	1.00	0.00
H								
HETATM12620	C2	PRP	887	7.098	33.465	18.987	1.00	0.00
C								
HETATM12621	H4	PRP	887	6.176	33.236	19.523	1.00	0.00
H								
HETATM12622	O2	PRP	887	8.247	33.256	19.764	1.00	0.00
O								
HETATM12623	H5	PRP	887	9.016	33.299	19.191	1.00	0.00
H								
HETATM12624	C3	PRP	887	7.084	32.815	17.580	1.00	0.00
C								
HETATM12625	H6	PRP	887	7.835	33.158	16.868	1.00	0.00
H								
HETATM12626	H7	PRP	887	6.964	31.752	17.786	1.00	0.00
H								
HETATM12627	H8	PRP	887	6.128	33.091	17.136	1.00	0.00
H								

HETATM12628	O1	PRP	888	2.022	37.549	17.373	1.00	0.00
O								
HETATM12629	H1	PRP	888	2.535	36.737	17.375	1.00	0.00
H								
HETATM12630	C1	PRP	888	1.000	37.296	18.358	1.00	0.00
C								
HETATM12631	H2	PRP	888	0.454	36.515	17.830	1.00	0.00
H								
HETATM12632	H3	PRP	888	1.500	36.950	19.263	1.00	0.00
H								
HETATM12633	C2	PRP	888	0.045	38.491	18.528	1.00	0.00
C								
HETATM12634	H4	PRP	888	-0.824	38.276	19.150	1.00	0.00
H								
HETATM12635	O2	PRP	888	-0.574	38.863	17.347	1.00	0.00
O								
HETATM12636	H5	PRP	888	0.107	38.751	16.679	1.00	0.00
H								
HETATM12637	C3	PRP	888	0.808	39.763	19.089	1.00	0.00
C								
HETATM12638	H6	PRP	888	1.586	40.128	18.419	1.00	0.00
H								
HETATM12639	H7	PRP	888	0.039	40.536	19.083	1.00	0.00
H								
HETATM12640	H8	PRP	888	0.957	39.489	20.133	1.00	0.00
H								
HETATM12641	O1	PRP	889	13.361	50.541	13.323	1.00	0.00
O								
HETATM12642	H1	PRP	889	14.224	50.471	13.737	1.00	0.00
H								
HETATM12643	C1	PRP	889	12.598	51.443	14.122	1.00	0.00
C								
HETATM12644	H2	PRP	889	13.045	52.407	13.883	1.00	0.00
H								
HETATM12645	H3	PRP	889	11.546	51.363	13.849	1.00	0.00
H								
HETATM12646	C2	PRP	889	12.721	51.123	15.612	1.00	0.00
C								
HETATM12647	H4	PRP	889	12.094	51.806	16.184	1.00	0.00
H								
HETATM12648	O2	PRP	889	14.041	51.186	16.044	1.00	0.00
O								
HETATM12649	H5	PRP	889	14.068	50.972	16.979	1.00	0.00
H								
HETATM12650	C3	PRP	889	12.142	49.662	15.758	1.00	0.00
C								
HETATM12651	H6	PRP	889	11.748	49.388	16.737	1.00	0.00
H								
HETATM12652	H7	PRP	889	11.327	49.616	15.036	1.00	0.00
H								
HETATM12653	H8	PRP	889	12.974	48.994	15.537	1.00	0.00
H								
HETATM12654	O1	PRP	890	22.088	49.192	19.307	1.00	0.00
O								
HETATM12655	H1	PRP	890	22.077	49.892	19.964	1.00	0.00
H								

HETATM12656	C1	PRP	890	20.835	49.220	18.734	1.00	0.00
C								
HETATM12657	H2	PRP	890	20.658	48.276	18.220	1.00	0.00
H								
HETATM12658	H3	PRP	890	20.063	49.217	19.504	1.00	0.00
H								
HETATM12659	C2	PRP	890	20.613	50.387	17.722	1.00	0.00
C								
HETATM12660	H4	PRP	890	21.481	50.413	17.063	1.00	0.00
H								
HETATM12661	O2	PRP	890	20.477	51.607	18.411	1.00	0.00
O								
HETATM12662	H5	PRP	890	21.319	52.068	18.419	1.00	0.00
H								
HETATM12663	C3	PRP	890	19.232	50.278	17.031	1.00	0.00
C								
HETATM12664	H6	PRP	890	19.149	49.257	16.659	1.00	0.00
H								
HETATM12665	H7	PRP	890	18.405	50.484	17.710	1.00	0.00
H								
HETATM12666	H8	PRP	890	19.192	51.030	16.243	1.00	0.00
H								
HETATM12667	O1	PRP	891	11.666	21.426	16.639	1.00	0.00
O								
HETATM12668	H1	PRP	891	12.007	21.043	17.450	1.00	0.00
H								
HETATM12669	C1	PRP	891	10.740	22.485	16.934	1.00	0.00
C								
HETATM12670	H2	PRP	891	11.181	23.126	17.698	1.00	0.00
H								
HETATM12671	H3	PRP	891	10.561	23.078	16.037	1.00	0.00
H								
HETATM12672	C2	PRP	891	9.412	21.853	17.402	1.00	0.00
C								
HETATM12673	H4	PRP	891	9.562	21.049	18.123	1.00	0.00
H								
HETATM12674	O2	PRP	891	8.700	21.477	16.303	1.00	0.00
O								
HETATM12675	H5	PRP	891	9.023	20.597	16.096	1.00	0.00
H								
HETATM12676	C3	PRP	891	8.686	23.047	18.107	1.00	0.00
C								
HETATM12677	H6	PRP	891	9.303	23.385	18.940	1.00	0.00
H								
HETATM12678	H7	PRP	891	8.536	23.910	17.459	1.00	0.00
H								
HETATM12679	H8	PRP	891	7.731	22.792	18.567	1.00	0.00
H								
HETATM12680	O1	PRP	892	-7.826	29.092	13.266	1.00	0.00
O								
HETATM12681	H1	PRP	892	-8.594	29.609	13.521	1.00	0.00
H								
HETATM12682	C1	PRP	892	-7.850	27.905	14.013	1.00	0.00
C								
HETATM12683	H2	PRP	892	-7.959	28.112	15.077	1.00	0.00
H								

HETATM12684	H3	PRP	892	-8.776	27.398	13.742	1.00	0.00
H								
HETATM12685	C2	PRP	892	-6.500	27.155	13.804	1.00	0.00
C								
HETATM12686	H4	PRP	892	-5.701	27.817	14.141	1.00	0.00
H								
HETATM12687	O2	PRP	892	-6.309	26.774	12.469	1.00	0.00
O								
HETATM12688	H5	PRP	892	-6.447	27.495	11.851	1.00	0.00
H								
HETATM12689	C3	PRP	892	-6.484	25.806	14.571	1.00	0.00
C								
HETATM12690	H6	PRP	892	-7.116	25.060	14.089	1.00	0.00
H								
HETATM12691	H7	PRP	892	-5.477	25.419	14.422	1.00	0.00
H								
HETATM12692	H8	PRP	892	-6.772	25.870	15.621	1.00	0.00
H								
HETATM12693	O1	PRP	893	1.816	32.483	25.067	1.00	0.00
O								
HETATM12694	H1	PRP	893	1.890	33.172	25.732	1.00	0.00
H								
HETATM12695	C1	PRP	893	3.082	32.516	24.421	1.00	0.00
C								
HETATM12696	H2	PRP	893	3.725	32.986	25.165	1.00	0.00
H								
HETATM12697	H3	PRP	893	3.549	31.558	24.190	1.00	0.00
H								
HETATM12698	C2	PRP	893	3.127	33.398	23.191	1.00	0.00
C								
HETATM12699	H4	PRP	893	2.668	34.346	23.472	1.00	0.00
H								
HETATM12700	O2	PRP	893	2.311	32.791	22.209	1.00	0.00
O								
HETATM12701	H5	PRP	893	1.504	32.482	22.627	1.00	0.00
H								
HETATM12702	C3	PRP	893	4.509	33.638	22.691	1.00	0.00
C								
HETATM12703	H6	PRP	893	4.958	34.203	23.508	1.00	0.00
H								
HETATM12704	H7	PRP	893	5.033	32.706	22.480	1.00	0.00
H								
HETATM12705	H8	PRP	893	4.433	34.242	21.787	1.00	0.00
H								
HETATM12706	O1	PRP	894	9.319	55.336	3.901	1.00	0.00
O								
HETATM12707	H1	PRP	894	8.645	56.009	4.018	1.00	0.00
H								
HETATM12708	C1	PRP	894	9.462	54.905	5.247	1.00	0.00
C								
HETATM12709	H2	PRP	894	8.524	54.450	5.565	1.00	0.00
H								
HETATM12710	H3	PRP	894	10.249	54.157	5.347	1.00	0.00
H								
HETATM12711	C2	PRP	894	9.925	56.027	6.227	1.00	0.00
C								

HETATM12712	H4	PRP	894	9.969	55.660	7.252	1.00	0.00
H								
HETATM12713	O2	PRP	894	8.942	57.044	6.238	1.00	0.00
O								
HETATM12714	H5	PRP	894	9.247	57.674	6.895	1.00	0.00
H								
HETATM12715	C3	PRP	894	11.351	56.631	6.054	1.00	0.00
C								
HETATM12716	H6	PRP	894	11.281	57.553	5.476	1.00	0.00
H								
HETATM12717	H7	PRP	894	11.848	56.729	7.019	1.00	0.00
H								
HETATM12718	H8	PRP	894	11.916	55.922	5.448	1.00	0.00
H								
HETATM12719	O1	PRP	895	20.027	37.812	17.979	1.00	0.00
O								
HETATM12720	H1	PRP	895	19.704	37.117	17.401	1.00	0.00
H								
HETATM12721	C1	PRP	895	20.733	38.702	17.148	1.00	0.00
C								
HETATM12722	H2	PRP	895	20.026	39.224	16.503	1.00	0.00
H								
HETATM12723	H3	PRP	895	21.196	39.443	17.800	1.00	0.00
H								
HETATM12724	C2	PRP	895	21.848	38.034	16.286	1.00	0.00
C								
HETATM12725	H4	PRP	895	22.488	38.876	16.022	1.00	0.00
H								
HETATM12726	O2	PRP	895	21.367	37.251	15.184	1.00	0.00
O								
HETATM12727	H5	PRP	895	20.520	36.827	15.341	1.00	0.00
H								
HETATM12728	C3	PRP	895	22.820	36.986	16.888	1.00	0.00
C								
HETATM12729	H6	PRP	895	23.287	36.517	16.021	1.00	0.00
H								
HETATM12730	H7	PRP	895	23.571	37.453	17.525	1.00	0.00
H								
HETATM12731	H8	PRP	895	22.151	36.328	17.443	1.00	0.00
H								
HETATM12732	O1	PRP	896	-9.111	8.807	11.646	1.00	0.00
O								
HETATM12733	H1	PRP	896	-9.720	9.005	12.362	1.00	0.00
H								
HETATM12734	C1	PRP	896	-9.750	8.259	10.459	1.00	0.00
C								
HETATM12735	H2	PRP	896	-8.929	7.930	9.822	1.00	0.00
H								
HETATM12736	H3	PRP	896	-10.370	7.460	10.865	1.00	0.00
H								
HETATM12737	C2	PRP	896	-10.620	9.310	9.770	1.00	0.00
C								
HETATM12738	H4	PRP	896	-10.162	10.295	9.675	1.00	0.00
H								
HETATM12739	O2	PRP	896	-11.834	9.473	10.427	1.00	0.00
O								

HETATM12740	H5	PRP	896	-12.364	10.216	10.129	1.00	0.00
H								
HETATM12741	C3	PRP	896	-11.109	8.814	8.373	1.00	0.00
C								
HETATM12742	H6	PRP	896	-11.738	7.925	8.372	1.00	0.00
H								
HETATM12743	H7	PRP	896	-11.637	9.644	7.903	1.00	0.00
H								
HETATM12744	H8	PRP	896	-10.266	8.540	7.738	1.00	0.00
H								
HETATM12745	O1	PRP	897	3.949	24.129	12.488	1.00	0.00
O								
HETATM12746	H1	PRP	897	3.176	23.606	12.714	1.00	0.00
H								
HETATM12747	C1	PRP	897	4.793	24.200	13.659	1.00	0.00
C								
HETATM12748	H2	PRP	897	5.841	24.404	13.439	1.00	0.00
H								
HETATM12749	H3	PRP	897	4.564	24.983	14.381	1.00	0.00
H								
HETATM12750	C2	PRP	897	4.781	22.820	14.327	1.00	0.00
C								
HETATM12751	H4	PRP	897	5.294	22.150	13.637	1.00	0.00
H								
HETATM12752	O2	PRP	897	3.454	22.497	14.531	1.00	0.00
O								
HETATM12753	H5	PRP	897	3.396	21.958	15.323	1.00	0.00
H								
HETATM12754	C3	PRP	897	5.555	22.755	15.656	1.00	0.00
C								
HETATM12755	H6	PRP	897	4.886	23.061	16.460	1.00	0.00
H								
HETATM12756	H7	PRP	897	5.956	21.744	15.722	1.00	0.00
H								
HETATM12757	H8	PRP	897	6.408	23.428	15.569	1.00	0.00
H								
HETATM12758	O1	PRP	898	22.990	48.672	2.907	1.00	0.00
O								
HETATM12759	H1	PRP	898	22.509	47.877	3.147	1.00	0.00
H								
HETATM12760	C1	PRP	898	22.413	49.721	3.708	1.00	0.00
C								
HETATM12761	H2	PRP	898	21.686	49.180	4.313	1.00	0.00
H								
HETATM12762	H3	PRP	898	23.131	50.242	4.341	1.00	0.00
H								
HETATM12763	C2	PRP	898	21.604	50.604	2.846	1.00	0.00
C								
HETATM12764	H4	PRP	898	21.353	49.955	2.008	1.00	0.00
H								
HETATM12765	O2	PRP	898	22.510	51.626	2.362	1.00	0.00
O								
HETATM12766	H5	PRP	898	22.104	52.098	1.631	1.00	0.00
H								
HETATM12767	C3	PRP	898	20.314	51.139	3.521	1.00	0.00
C								

HETATM12768	H6	PRP	898	19.520	50.392	3.519	1.00	0.00
H								
HETATM12769	H7	PRP	898	20.692	51.507	4.475	1.00	0.00
H								
HETATM12770	H8	PRP	898	19.975	52.023	2.982	1.00	0.00
H								
HETATM12771	O1	PRP	899	8.083	12.366	11.705	1.00	0.00
O								
HETATM12772	H1	PRP	899	8.298	12.617	10.803	1.00	0.00
H								
HETATM12773	C1	PRP	899	6.719	12.216	11.877	1.00	0.00
C								
HETATM12774	H2	PRP	899	6.299	11.447	11.230	1.00	0.00
H								
HETATM12775	H3	PRP	899	6.507	11.909	12.901	1.00	0.00
H								
HETATM12776	C2	PRP	899	5.906	13.507	11.734	1.00	0.00
C								
HETATM12777	H4	PRP	899	4.859	13.330	11.980	1.00	0.00
H								
HETATM12778	O2	PRP	899	5.884	13.778	10.393	1.00	0.00
O								
HETATM12779	H5	PRP	899	6.811	13.911	10.179	1.00	0.00
H								
HETATM12780	C3	PRP	899	6.284	14.757	12.552	1.00	0.00
C								
HETATM12781	H6	PRP	899	6.038	15.659	11.993	1.00	0.00
H								
HETATM12782	H7	PRP	899	5.622	14.743	13.418	1.00	0.00
H								
HETATM12783	H8	PRP	899	7.331	14.579	12.799	1.00	0.00
H								
HETATM12784	O1	PRP	900	-5.614	26.334	5.964	1.00	0.00
O								
HETATM12785	H1	PRP	900	-5.738	25.532	5.452	1.00	0.00
H								
HETATM12786	C1	PRP	900	-5.171	25.981	7.257	1.00	0.00
C								
HETATM12787	H2	PRP	900	-4.746	26.826	7.799	1.00	0.00
H								
HETATM12788	H3	PRP	900	-6.049	25.707	7.842	1.00	0.00
H								
HETATM12789	C2	PRP	900	-4.123	24.822	7.251	1.00	0.00
C								
HETATM12790	H4	PRP	900	-3.297	25.078	6.587	1.00	0.00
H								
HETATM12791	O2	PRP	900	-4.569	23.630	6.585	1.00	0.00
O								
HETATM12792	H5	PRP	900	-3.800	23.064	6.490	1.00	0.00
H								
HETATM12793	C3	PRP	900	-3.690	24.481	8.685	1.00	0.00
C								
HETATM12794	H6	PRP	900	-4.618	24.127	9.133	1.00	0.00
H								
HETATM12795	H7	PRP	900	-2.815	23.831	8.662	1.00	0.00
H								

HETATM12796	H8	PRP	900	-3.320	25.391	9.158	1.00	0.00
H								
HETATM12797	O1	PRP	901	-2.044	12.755	16.011	1.00	0.00
O								
HETATM12798	H1	PRP	901	-1.975	12.486	16.930	1.00	0.00
H								
HETATM12799	C1	PRP	901	-2.827	13.944	15.855	1.00	0.00
C								
HETATM12800	H2	PRP	901	-2.295	14.702	16.430	1.00	0.00
H								
HETATM12801	H3	PRP	901	-2.941	14.219	14.807	1.00	0.00
H								
HETATM12802	C2	PRP	901	-4.176	13.711	16.516	1.00	0.00
C								
HETATM12803	H4	PRP	901	-4.751	14.637	16.536	1.00	0.00
H								
HETATM12804	O2	PRP	901	-3.867	13.391	17.870	1.00	0.00
O								
HETATM12805	H5	PRP	901	-3.645	14.202	18.332	1.00	0.00
H								
HETATM12806	C3	PRP	901	-5.105	12.582	15.938	1.00	0.00
C								
HETATM12807	H6	PRP	901	-6.078	12.511	16.426	1.00	0.00
H								
HETATM12808	H7	PRP	901	-5.258	12.776	14.876	1.00	0.00
H								
HETATM12809	H8	PRP	901	-4.616	11.616	16.065	1.00	0.00
H								
HETATM12810	O1	PRP	902	21.510	44.277	7.412	1.00	0.00
O								
HETATM12811	H1	PRP	902	20.891	44.558	6.734	1.00	0.00
H								
HETATM12812	C1	PRP	902	22.489	45.276	7.705	1.00	0.00
C								
HETATM12813	H2	PRP	902	22.789	45.116	8.741	1.00	0.00
H								
HETATM12814	H3	PRP	902	23.331	45.172	7.020	1.00	0.00
H								
HETATM12815	C2	PRP	902	21.920	46.711	7.402	1.00	0.00
C								
HETATM12816	H4	PRP	902	21.435	47.060	8.313	1.00	0.00
H								
HETATM12817	O2	PRP	902	20.950	46.738	6.382	1.00	0.00
O								
HETATM12818	H5	PRP	902	20.673	47.657	6.415	1.00	0.00
H								
HETATM12819	C3	PRP	902	23.088	47.658	7.132	1.00	0.00
C								
HETATM12820	H6	PRP	902	22.784	48.705	7.152	1.00	0.00
H								
HETATM12821	H7	PRP	902	23.770	47.565	7.977	1.00	0.00
H								
HETATM12822	H8	PRP	902	23.658	47.344	6.257	1.00	0.00
H								
HETATM12823	O1	PRP	903	-6.513	16.056	16.673	1.00	0.00
O								

HETATM12824	H1	PRP	903	-5.985	16.847	16.802	1.00	0.00
H								
HETATM12825	C1	PRP	903	-7.754	16.278	17.391	1.00	0.00
C								
HETATM12826	H2	PRP	903	-8.371	15.382	17.330	1.00	0.00
H								
HETATM12827	H3	PRP	903	-7.545	16.321	18.460	1.00	0.00
H								
HETATM12828	C2	PRP	903	-8.380	17.554	16.884	1.00	0.00
C								
HETATM12829	H4	PRP	903	-9.374	17.648	17.322	1.00	0.00
H								
HETATM12830	O2	PRP	903	-8.403	17.743	15.476	1.00	0.00
O								
HETATM12831	H5	PRP	903	-9.182	18.299	15.403	1.00	0.00
H								
HETATM12832	C3	PRP	903	-7.596	18.724	17.421	1.00	0.00
C								
HETATM12833	H6	PRP	903	-7.638	18.909	18.494	1.00	0.00
H								
HETATM12834	H7	PRP	903	-6.561	18.688	17.079	1.00	0.00
H								
HETATM12835	H8	PRP	903	-8.039	19.590	16.928	1.00	0.00
H								
HETATM12836	O1	PRP	904	9.843	7.990	9.080	1.00	0.00
O								
HETATM12837	H1	PRP	904	10.683	7.526	9.110	1.00	0.00
H								
HETATM12838	C1	PRP	904	9.065	7.060	8.266	1.00	0.00
C								
HETATM12839	H2	PRP	904	8.454	7.708	7.636	1.00	0.00
H								
HETATM12840	H3	PRP	904	9.728	6.469	7.636	1.00	0.00
H								
HETATM12841	C2	PRP	904	8.171	6.288	9.242	1.00	0.00
C								
HETATM12842	H4	PRP	904	7.561	5.615	8.640	1.00	0.00
H								
HETATM12843	O2	PRP	904	7.272	7.266	9.829	1.00	0.00
O								
HETATM12844	H5	PRP	904	7.923	7.946	10.020	1.00	0.00
H								
HETATM12845	C3	PRP	904	8.856	5.505	10.345	1.00	0.00
C								
HETATM12846	H6	PRP	904	9.324	6.166	11.074	1.00	0.00
H								
HETATM12847	H7	PRP	904	8.243	4.806	10.914	1.00	0.00
H								
HETATM12848	H8	PRP	904	9.697	4.969	9.906	1.00	0.00
H								
HETATM12849	O1	PRP	905	4.571	9.189	14.416	1.00	0.00
O								
HETATM12850	H1	PRP	905	4.733	9.934	14.999	1.00	0.00
H								
HETATM12851	C1	PRP	905	4.174	8.079	15.290	1.00	0.00
C								

HETATM12852	H2	PRP	905	5.104	7.836	15.803	1.00	0.00
H								
HETATM12853	H3	PRP	905	3.309	8.436	15.849	1.00	0.00
H								
HETATM12854	C2	PRP	905	3.689	6.894	14.401	1.00	0.00
C								
HETATM12855	H4	PRP	905	4.501	6.471	13.810	1.00	0.00
H								
HETATM12856	O2	PRP	905	2.610	7.422	13.695	1.00	0.00
O								
HETATM12857	H5	PRP	905	2.928	8.183	13.203	1.00	0.00
H								
HETATM12858	C3	PRP	905	3.098	5.813	15.261	1.00	0.00
C								
HETATM12859	H6	PRP	905	2.228	6.225	15.773	1.00	0.00
H								
HETATM12860	H7	PRP	905	2.794	4.962	14.652	1.00	0.00
H								
HETATM12861	H8	PRP	905	3.865	5.490	15.965	1.00	0.00
H								
HETATM12862	O1	PRP	906	17.275	25.178	6.473	1.00	0.00
O								
HETATM12863	H1	PRP	906	18.185	24.932	6.293	1.00	0.00
H								
HETATM12864	C1	PRP	906	16.889	26.256	5.647	1.00	0.00
C								
HETATM12865	H2	PRP	906	17.511	27.108	5.920	1.00	0.00
H								
HETATM12866	H3	PRP	906	17.107	26.083	4.593	1.00	0.00
H								
HETATM12867	C2	PRP	906	15.463	26.558	5.926	1.00	0.00
C								
HETATM12868	H4	PRP	906	15.250	27.464	5.359	1.00	0.00
H								
HETATM12869	O2	PRP	906	15.432	26.819	7.359	1.00	0.00
O								
HETATM12870	H5	PRP	906	16.298	26.523	7.650	1.00	0.00
H								
HETATM12871	C3	PRP	906	14.564	25.335	5.535	1.00	0.00
C								
HETATM12872	H6	PRP	906	13.519	25.637	5.461	1.00	0.00
H								
HETATM12873	H7	PRP	906	14.777	25.157	4.481	1.00	0.00
H								
HETATM12874	H8	PRP	906	14.619	24.430	6.139	1.00	0.00
H								
HETATM12875	O1	PRP	907	9.401	14.474	6.506	1.00	0.00
O								
HETATM12876	H1	PRP	907	9.132	15.221	5.965	1.00	0.00
H								
HETATM12877	C1	PRP	907	8.226	13.795	6.858	1.00	0.00
C								
HETATM12878	H2	PRP	907	7.377	14.475	6.795	1.00	0.00
H								
HETATM12879	H3	PRP	907	7.964	13.030	6.126	1.00	0.00
H								

HETATM12880	C2	PRP	907	8.322	13.063	8.252	1.00	0.00
C								
HETATM12881	H4	PRP	907	7.374	12.587	8.499	1.00	0.00
H								
HETATM12882	O2	PRP	907	8.733	13.810	9.370	1.00	0.00
O								
HETATM12883	H5	PRP	907	9.553	14.237	9.111	1.00	0.00
H								
HETATM12884	C3	PRP	907	9.364	11.926	8.137	1.00	0.00
C								
HETATM12885	H6	PRP	907	9.626	11.513	9.111	1.00	0.00
H								
HETATM12886	H7	PRP	907	8.855	11.174	7.534	1.00	0.00
H								
HETATM12887	H8	PRP	907	10.181	12.388	7.583	1.00	0.00
H								
HETATM12888	O1	PRP	908	19.661	28.925	5.411	1.00	0.00
O								
HETATM12889	H1	PRP	908	19.303	29.377	6.179	1.00	0.00
H								
HETATM12890	C1	PRP	908	20.384	27.844	5.986	1.00	0.00
C								
HETATM12891	H2	PRP	908	21.061	28.089	6.804	1.00	0.00
H								
HETATM12892	H3	PRP	908	19.678	27.222	6.536	1.00	0.00
H								
HETATM12893	C2	PRP	908	21.122	27.043	4.897	1.00	0.00
C								
HETATM12894	H4	PRP	908	21.547	26.143	5.341	1.00	0.00
H								
HETATM12895	O2	PRP	908	22.199	27.867	4.494	1.00	0.00
O								
HETATM12896	H5	PRP	908	21.844	28.703	4.184	1.00	0.00
H								
HETATM12897	C3	PRP	908	20.282	26.632	3.673	1.00	0.00
C								
HETATM12898	H6	PRP	908	20.696	25.739	3.204	1.00	0.00
H								
HETATM12899	H7	PRP	908	19.258	26.435	3.988	1.00	0.00
H								
HETATM12900	H8	PRP	908	20.185	27.370	2.877	1.00	0.00
H								
HETATM12901	O1	PRP	909	29.116	33.253	-0.280	1.00	0.00
O								
HETATM12902	H1	PRP	909	28.244	33.147	0.108	1.00	0.00
H								
HETATM12903	C1	PRP	909	30.081	33.644	0.605	1.00	0.00
C								
HETATM12904	H2	PRP	909	30.161	32.976	1.462	1.00	0.00
H								
HETATM12905	H3	PRP	909	31.043	33.643	0.093	1.00	0.00
H								
HETATM12906	C2	PRP	909	29.823	35.052	1.072	1.00	0.00
C								
HETATM12907	H4	PRP	909	28.804	35.283	1.385	1.00	0.00
H								

HETATM12908	O2	PRP	909	30.124	35.997	0.087	1.00	0.00
O								
HETATM12909	H5	PRP	909	29.536	35.950	-0.670	1.00	0.00
H								
HETATM12910	C3	PRP	909	30.724	35.401	2.248	1.00	0.00
C								
HETATM12911	H6	PRP	909	30.505	36.460	2.382	1.00	0.00
H								
HETATM12912	H7	PRP	909	30.593	34.798	3.146	1.00	0.00
H								
HETATM12913	H8	PRP	909	31.768	35.521	1.958	1.00	0.00
H								
HETATM12914	O1	PRP	910	-1.344	15.377	20.579	1.00	0.00
O								
HETATM12915	H1	PRP	910	-0.653	15.643	19.967	1.00	0.00
H								
HETATM12916	C1	PRP	910	-2.256	16.469	20.626	1.00	0.00
C								
HETATM12917	H2	PRP	910	-2.753	16.471	21.596	1.00	0.00
H								
HETATM12918	H3	PRP	910	-1.705	17.400	20.486	1.00	0.00
H								
HETATM12919	C2	PRP	910	-3.379	16.406	19.622	1.00	0.00
C								
HETATM12920	H4	PRP	910	-3.987	15.532	19.853	1.00	0.00
H								
HETATM12921	O2	PRP	910	-2.843	16.254	18.332	1.00	0.00
O								
HETATM12922	H5	PRP	910	-3.053	17.071	17.874	1.00	0.00
H								
HETATM12923	C3	PRP	910	-4.204	17.655	19.663	1.00	0.00
C								
HETATM12924	H6	PRP	910	-5.056	17.626	18.985	1.00	0.00
H								
HETATM12925	H7	PRP	910	-4.623	17.754	20.665	1.00	0.00
H								
HETATM12926	H8	PRP	910	-3.608	18.547	19.468	1.00	0.00
H								
HETATM12927	O1	PRP	911	5.952	40.205	13.562	1.00	0.00
O								
HETATM12928	H1	PRP	911	6.807	40.569	13.804	1.00	0.00
H								
HETATM12929	C1	PRP	911	6.081	38.804	13.741	1.00	0.00
C								
HETATM12930	H2	PRP	911	5.279	38.414	13.113	1.00	0.00
H								
HETATM12931	H3	PRP	911	7.113	38.468	13.643	1.00	0.00
H								
HETATM12932	C2	PRP	911	5.578	38.460	15.136	1.00	0.00
C								
HETATM12933	H4	PRP	911	4.525	38.740	15.152	1.00	0.00
H								
HETATM12934	O2	PRP	911	6.405	39.044	16.124	1.00	0.00
O								
HETATM12935	H5	PRP	911	5.899	39.728	16.568	1.00	0.00
H								

HETATM12936	C3	PRP	911	5.535	36.943	15.331	1.00	0.00
C								
HETATM12937	H6	PRP	911	6.469	36.421	15.538	1.00	0.00
H								
HETATM12938	H7	PRP	911	4.841	36.745	16.147	1.00	0.00
H								
HETATM12939	H8	PRP	911	5.031	36.459	14.495	1.00	0.00
H								
HETATM12940	O1	PRP	912	-8.313	43.127	29.851	1.00	0.00
O								
HETATM12941	H1	PRP	912	-8.264	43.811	30.522	1.00	0.00
H								
HETATM12942	C1	PRP	912	-8.030	41.859	30.450	1.00	0.00
C								
HETATM12943	H2	PRP	912	-7.163	42.069	31.076	1.00	0.00
H								
HETATM12944	H3	PRP	912	-8.871	41.639	31.108	1.00	0.00
H								
HETATM12945	C2	PRP	912	-7.772	40.764	29.461	1.00	0.00
C								
HETATM12946	H4	PRP	912	-7.030	40.983	28.693	1.00	0.00
H								
HETATM12947	O2	PRP	912	-8.936	40.302	28.873	1.00	0.00
O								
HETATM12948	H5	PRP	912	-9.402	41.090	28.584	1.00	0.00
H								
HETATM12949	C3	PRP	912	-7.350	39.412	30.116	1.00	0.00
C								
HETATM12950	H6	PRP	912	-6.291	39.422	30.371	1.00	0.00
H								
HETATM12951	H7	PRP	912	-7.951	39.294	31.018	1.00	0.00
H								
HETATM12952	H8	PRP	912	-7.618	38.527	29.538	1.00	0.00
H								
HETATM12953	O1	PRP	913	-7.351	28.084	10.038	1.00	0.00
O								
HETATM12954	H1	PRP	913	-7.769	27.535	9.370	1.00	0.00
H								
HETATM12955	C1	PRP	913	-7.112	29.253	9.338	1.00	0.00
C								
HETATM12956	H2	PRP	913	-6.808	29.062	8.309	1.00	0.00
H								
HETATM12957	H3	PRP	913	-8.000	29.879	9.250	1.00	0.00
H								
HETATM12958	C2	PRP	913	-6.044	30.025	10.034	1.00	0.00
C								
HETATM12959	H4	PRP	913	-5.170	29.410	10.250	1.00	0.00
H								
HETATM12960	O2	PRP	913	-6.574	30.590	11.202	1.00	0.00
O								
HETATM12961	H5	PRP	913	-7.024	29.873	11.655	1.00	0.00
H								
HETATM12962	C3	PRP	913	-5.545	31.197	9.172	1.00	0.00
C								
HETATM12963	H6	PRP	913	-4.786	30.879	8.457	1.00	0.00
H								

HETATM12964	H7	PRP	913	-6.373	31.736	8.712	1.00	0.00
H								
HETATM12965	H8	PRP	913	-5.008	31.828	9.879	1.00	0.00
H								
HETATM12966	O1	PRP	914	-1.529	39.143	22.027	1.00	0.00
O								
HETATM12967	H1	PRP	914	-1.985	39.501	21.262	1.00	0.00
H								
HETATM12968	C1	PRP	914	-2.020	39.706	23.242	1.00	0.00
C								
HETATM12969	H2	PRP	914	-3.009	39.277	23.401	1.00	0.00
H								
HETATM12970	H3	PRP	914	-1.390	39.352	24.058	1.00	0.00
H								
HETATM12971	C2	PRP	914	-2.122	41.267	23.253	1.00	0.00
C								
HETATM12972	H4	PRP	914	-2.296	41.512	24.301	1.00	0.00
H								
HETATM12973	O2	PRP	914	-3.212	41.882	22.463	1.00	0.00
O								
HETATM12974	H5	PRP	914	-4.031	41.843	22.963	1.00	0.00
H								
HETATM12975	C3	PRP	914	-0.728	41.906	22.967	1.00	0.00
C								
HETATM12976	H6	PRP	914	-0.183	41.276	22.264	1.00	0.00
H								
HETATM12977	H7	PRP	914	-0.838	42.871	22.472	1.00	0.00
H								
HETATM12978	H8	PRP	914	-0.182	42.125	23.885	1.00	0.00
H								
HETATM12979	O1	PRP	915	-12.437	14.539	7.393	1.00	0.00
O								
HETATM12980	H1	PRP	915	-12.576	15.482	7.277	1.00	0.00
H								
HETATM12981	C1	PRP	915	-12.366	14.439	8.863	1.00	0.00
C								
HETATM12982	H2	PRP	915	-11.933	15.356	9.262	1.00	0.00
H								
HETATM12983	H3	PRP	915	-13.378	14.303	9.245	1.00	0.00
H								
HETATM12984	C2	PRP	915	-11.710	13.160	9.230	1.00	0.00
C								
HETATM12985	H4	PRP	915	-10.635	13.121	9.056	1.00	0.00
H								
HETATM12986	O2	PRP	915	-12.534	12.150	8.693	1.00	0.00
O								
HETATM12987	H5	PRP	915	-12.851	12.461	7.842	1.00	0.00
H								
HETATM12988	C3	PRP	915	-11.859	13.036	10.752	1.00	0.00
C								
HETATM12989	H6	PRP	915	-11.226	12.195	11.035	1.00	0.00
H								
HETATM12990	H7	PRP	915	-11.654	13.987	11.243	1.00	0.00
H								
HETATM12991	H8	PRP	915	-12.877	12.725	10.987	1.00	0.00
H								

HETATM12992	O1	PRP	916	0.465	25.205	19.659	1.00	0.00
O								
HETATM12993	H1	PRP	916	1.366	25.176	19.989	1.00	0.00
H								
HETATM12994	C1	PRP	916	0.343	26.298	18.809	1.00	0.00
C								
HETATM12995	H2	PRP	916	0.848	26.056	17.874	1.00	0.00
H								
HETATM12996	H3	PRP	916	-0.691	26.436	18.492	1.00	0.00
H								
HETATM12997	C2	PRP	916	0.873	27.703	19.305	1.00	0.00
C								
HETATM12998	H4	PRP	916	0.385	28.472	18.707	1.00	0.00
H								
HETATM12999	O2	PRP	916	2.230	27.697	18.888	1.00	0.00
O								
HETATM13000	H5	PRP	916	2.404	27.438	17.981	1.00	0.00
H								
HETATM13001	C3	PRP	916	0.778	27.781	20.851	1.00	0.00
C								
HETATM13002	H6	PRP	916	0.689	28.827	21.146	1.00	0.00
H								
HETATM13003	H7	PRP	916	-0.057	27.186	21.222	1.00	0.00
H								
HETATM13004	H8	PRP	916	1.740	27.421	21.213	1.00	0.00
H								
HETATM13005	O1	PRP	917	2.308	28.248	13.045	1.00	0.00
O								
HETATM13006	H1	PRP	917	3.091	28.487	12.543	1.00	0.00
H								
HETATM13007	C1	PRP	917	2.350	26.999	13.794	1.00	0.00
C								
HETATM13008	H2	PRP	917	2.412	26.225	13.029	1.00	0.00
H								
HETATM13009	H3	PRP	917	3.331	26.940	14.265	1.00	0.00
H								
HETATM13010	C2	PRP	917	1.269	26.692	14.870	1.00	0.00
C								
HETATM13011	H4	PRP	917	0.292	26.706	14.385	1.00	0.00
H								
HETATM13012	O2	PRP	917	1.332	27.624	15.941	1.00	0.00
O								
HETATM13013	H5	PRP	917	0.892	28.432	15.667	1.00	0.00
H								
HETATM13014	C3	PRP	917	1.453	25.314	15.502	1.00	0.00
C								
HETATM13015	H6	PRP	917	2.212	24.812	14.900	1.00	0.00
H								
HETATM13016	H7	PRP	917	1.988	25.466	16.439	1.00	0.00
H								
HETATM13017	H8	PRP	917	0.506	24.777	15.548	1.00	0.00
H								
HETATM13018	O1	PRP	918	17.734	31.185	14.019	1.00	0.00
O								
HETATM13019	H1	PRP	918	17.480	31.782	13.311	1.00	0.00
H								

HETATM13020	C1	PRP	918	16.830	31.309	15.145	1.00	0.00
C								
HETATM13021	H2	PRP	918	15.851	31.626	14.785	1.00	0.00
H								
HETATM13022	H3	PRP	918	16.757	30.314	15.583	1.00	0.00
H								
HETATM13023	C2	PRP	918	17.130	32.338	16.322	1.00	0.00
C								
HETATM13024	H4	PRP	918	17.179	33.383	16.018	1.00	0.00
H								
HETATM13025	O2	PRP	918	18.458	31.931	16.794	1.00	0.00
O								
HETATM13026	H5	PRP	918	18.638	30.998	16.655	1.00	0.00
H								
HETATM13027	C3	PRP	918	16.031	32.176	17.359	1.00	0.00
C								
HETATM13028	H6	PRP	918	15.893	31.118	17.583	1.00	0.00
H								
HETATM13029	H7	PRP	918	16.295	32.666	18.296	1.00	0.00
H								
HETATM13030	H8	PRP	918	15.229	32.665	16.808	1.00	0.00
H								
HETATM13031	O1	PRP	919	2.753	42.344	9.602	1.00	0.00
O								
HETATM13032	H1	PRP	919	2.905	42.589	10.518	1.00	0.00
H								
HETATM13033	C1	PRP	919	3.962	41.775	9.292	1.00	0.00
C								
HETATM13034	H2	PRP	919	4.029	41.301	8.313	1.00	0.00
H								
HETATM13035	H3	PRP	919	4.640	42.616	9.146	1.00	0.00
H								
HETATM13036	C2	PRP	919	4.457	40.848	10.409	1.00	0.00
C								
HETATM13037	H4	PRP	919	3.907	39.909	10.345	1.00	0.00
H								
HETATM13038	O2	PRP	919	4.295	41.496	11.670	1.00	0.00
O								
HETATM13039	H5	PRP	919	4.462	40.900	12.404	1.00	0.00
H								
HETATM13040	C3	PRP	919	5.950	40.550	10.224	1.00	0.00
C								
HETATM13041	H6	PRP	919	6.231	39.712	10.862	1.00	0.00
H								
HETATM13042	H7	PRP	919	6.196	40.309	9.190	1.00	0.00
H								
HETATM13043	H8	PRP	919	6.464	41.435	10.602	1.00	0.00
H								
HETATM13044	O1	PRP	920	6.765	45.861	12.235	1.00	0.00
O								
HETATM13045	H1	PRP	920	6.323	46.656	12.542	1.00	0.00
H								
HETATM13046	C1	PRP	920	5.809	44.883	11.874	1.00	0.00
C								
HETATM13047	H2	PRP	920	6.325	44.084	11.342	1.00	0.00
H								

HETATM13048	H3	PRP	920	5.354	44.524	12.797	1.00	0.00
H								
HETATM13049	C2	PRP	920	4.750	45.470	10.893	1.00	0.00
C								
HETATM13050	H4	PRP	920	4.107	44.670	10.529	1.00	0.00
H								
HETATM13051	O2	PRP	920	5.328	45.827	9.618	1.00	0.00
O								
HETATM13052	H5	PRP	920	6.238	46.050	9.827	1.00	0.00
H								
HETATM13053	C3	PRP	920	4.048	46.634	11.536	1.00	0.00
C								
HETATM13054	H6	PRP	920	4.767	47.393	11.843	1.00	0.00
H								
HETATM13055	H7	PRP	920	3.455	47.103	10.751	1.00	0.00
H								
HETATM13056	H8	PRP	920	3.506	46.243	12.397	1.00	0.00
H								
HETATM13057	O1	PRP	921	15.605	48.768	13.785	1.00	0.00
O								
HETATM13058	H1	PRP	921	15.092	48.113	13.305	1.00	0.00
H								
HETATM13059	C1	PRP	921	15.931	48.219	15.010	1.00	0.00
C								
HETATM13060	H2	PRP	921	16.274	49.047	15.630	1.00	0.00
H								
HETATM13061	H3	PRP	921	15.083	47.784	15.538	1.00	0.00
H								
HETATM13062	C2	PRP	921	16.973	47.137	14.866	1.00	0.00
C								
HETATM13063	H4	PRP	921	17.865	47.703	14.595	1.00	0.00
H								
HETATM13064	O2	PRP	921	16.678	46.143	13.925	1.00	0.00
O								
HETATM13065	H5	PRP	921	17.518	45.680	13.902	1.00	0.00
H								
HETATM13066	C3	PRP	921	17.286	46.461	16.231	1.00	0.00
C								
HETATM13067	H6	PRP	921	18.033	45.690	16.043	1.00	0.00
H								
HETATM13068	H7	PRP	921	17.837	47.065	16.952	1.00	0.00
H								
HETATM13069	H8	PRP	921	16.398	46.028	16.691	1.00	0.00
H								
HETATM13070	O1	PRP	922	-2.049	36.580	11.215	1.00	0.00
O								
HETATM13071	H1	PRP	922	-2.841	37.001	11.557	1.00	0.00
H								
HETATM13072	C1	PRP	922	-2.424	35.413	10.522	1.00	0.00
C								
HETATM13073	H2	PRP	922	-3.065	34.834	11.187	1.00	0.00
H								
HETATM13074	H3	PRP	922	-3.001	35.652	9.628	1.00	0.00
H								
HETATM13075	C2	PRP	922	-1.257	34.595	9.981	1.00	0.00
C								

HETATM13076	H4	PRP	922	-0.753	34.172	10.850	1.00	0.00
H								
HETATM13077	O2	PRP	922	-0.479	35.362	9.106	1.00	0.00
O								
HETATM13078	H5	PRP	922	-0.273	36.210	9.505	1.00	0.00
H								
HETATM13079	C3	PRP	922	-1.968	33.519	9.212	1.00	0.00
C								
HETATM13080	H6	PRP	922	-2.673	33.008	9.869	1.00	0.00
H								
HETATM13081	H7	PRP	922	-2.551	33.941	8.393	1.00	0.00
H								
HETATM13082	H8	PRP	922	-1.267	32.827	8.746	1.00	0.00
H								
HETATM13083	O1	PRP	923	8.057	35.799	13.277	1.00	0.00
O								
HETATM13084	H1	PRP	923	8.281	36.403	12.565	1.00	0.00
H								
HETATM13085	C1	PRP	923	8.925	36.125	14.308	1.00	0.00
C								
HETATM13086	H2	PRP	923	8.674	37.055	14.817	1.00	0.00
H								
HETATM13087	H3	PRP	923	9.075	35.439	15.142	1.00	0.00
H								
HETATM13088	C2	PRP	923	10.366	36.450	13.744	1.00	0.00
C								
HETATM13089	H4	PRP	923	10.997	36.589	14.622	1.00	0.00
H								
HETATM13090	O2	PRP	923	10.249	37.692	13.084	1.00	0.00
O								
HETATM13091	H5	PRP	923	11.115	37.978	12.782	1.00	0.00
H								
HETATM13092	C3	PRP	923	10.912	35.409	12.736	1.00	0.00
C								
HETATM13093	H6	PRP	923	11.514	34.689	13.291	1.00	0.00
H								
HETATM13094	H7	PRP	923	10.094	34.939	12.190	1.00	0.00
H								
HETATM13095	H8	PRP	923	11.736	35.813	12.148	1.00	0.00
H								
HETATM13096	O1	PRP	924	7.485	43.990	21.881	1.00	0.00
O								
HETATM13097	H1	PRP	924	7.588	44.198	22.813	1.00	0.00
H								
HETATM13098	C1	PRP	924	8.768	43.713	21.275	1.00	0.00
C								
HETATM13099	H2	PRP	924	8.593	43.386	20.250	1.00	0.00
H								
HETATM13100	H3	PRP	924	9.394	44.582	21.074	1.00	0.00
H								
HETATM13101	C2	PRP	924	9.538	42.607	22.016	1.00	0.00
C								
HETATM13102	H4	PRP	924	8.859	41.834	22.376	1.00	0.00
H								
HETATM13103	O2	PRP	924	10.292	43.203	23.097	1.00	0.00
O								

HETATM13104	H5	PRP	924	9.669	43.714	23.620	1.00	0.00
H								
HETATM13105	C3	PRP	924	10.545	41.966	20.980	1.00	0.00
C								
HETATM13106	H6	PRP	924	11.050	41.110	21.427	1.00	0.00
H								
HETATM13107	H7	PRP	924	10.004	41.754	20.058	1.00	0.00
H								
HETATM13108	H8	PRP	924	11.348	42.648	20.699	1.00	0.00
H								
HETATM13109	O1	PRP	925	19.395	45.673	13.237	1.00	0.00
O								
HETATM13110	H1	PRP	925	20.171	46.235	13.298	1.00	0.00
H								
HETATM13111	C1	PRP	925	19.337	44.980	12.038	1.00	0.00
C								
HETATM13112	H2	PRP	925	20.356	44.754	11.725	1.00	0.00
H								
HETATM13113	H3	PRP	925	18.837	44.011	12.041	1.00	0.00
H								
HETATM13114	C2	PRP	925	18.604	45.756	10.960	1.00	0.00
C								
HETATM13115	H4	PRP	925	18.837	46.799	11.175	1.00	0.00
H								
HETATM13116	O2	PRP	925	17.160	45.651	11.022	1.00	0.00
O								
HETATM13117	H5	PRP	925	16.866	45.827	11.919	1.00	0.00
H								
HETATM13118	C3	PRP	925	19.098	45.275	9.613	1.00	0.00
C								
HETATM13119	H6	PRP	925	18.448	44.497	9.213	1.00	0.00
H								
HETATM13120	H7	PRP	925	18.968	46.082	8.892	1.00	0.00
H								
HETATM13121	H8	PRP	925	20.177	45.123	9.585	1.00	0.00
H								
HETATM13122	O1	PRP	926	3.322	8.348	31.465	1.00	0.00
O								
HETATM13123	H1	PRP	926	2.531	8.394	30.923	1.00	0.00
H								
HETATM13124	C1	PRP	926	4.267	9.039	30.667	1.00	0.00
C								
HETATM13125	H2	PRP	926	4.805	9.782	31.257	1.00	0.00
H								
HETATM13126	H3	PRP	926	4.938	8.336	30.174	1.00	0.00
H								
HETATM13127	C2	PRP	926	3.485	9.795	29.589	1.00	0.00
C								
HETATM13128	H4	PRP	926	2.699	10.298	30.152	1.00	0.00
H								
HETATM13129	O2	PRP	926	2.795	8.872	28.641	1.00	0.00
O								
HETATM13130	H5	PRP	926	3.475	8.232	28.416	1.00	0.00
H								
HETATM13131	C3	PRP	926	4.328	10.830	28.820	1.00	0.00
C								

HETATM13132	H6	PRP	926	4.825	10.238	28.051	1.00	0.00
H								
HETATM13133	H7	PRP	926	3.628	11.599	28.493	1.00	0.00
H								
HETATM13134	H8	PRP	926	5.114	11.208	29.473	1.00	0.00
H								
HETATM13135	O1	PRP	927	2.188	16.744	6.921	1.00	0.00
O								
HETATM13136	H1	PRP	927	3.033	16.464	6.563	1.00	0.00
H								
HETATM13137	C1	PRP	927	2.353	16.910	8.383	1.00	0.00
C								
HETATM13138	H2	PRP	927	3.186	17.572	8.620	1.00	0.00
H								
HETATM13139	H3	PRP	927	1.436	17.344	8.782	1.00	0.00
H								
HETATM13140	C2	PRP	927	2.800	15.602	9.072	1.00	0.00
C								
HETATM13141	H4	PRP	927	2.801	15.852	10.133	1.00	0.00
H								
HETATM13142	O2	PRP	927	4.107	15.385	8.572	1.00	0.00
O								
HETATM13143	H5	PRP	927	4.660	14.923	9.206	1.00	0.00
H								
HETATM13144	C3	PRP	927	1.858	14.399	8.954	1.00	0.00
C								
HETATM13145	H6	PRP	927	1.931	14.032	7.930	1.00	0.00
H								
HETATM13146	H7	PRP	927	2.199	13.603	9.616	1.00	0.00
H								
HETATM13147	H8	PRP	927	0.817	14.559	9.235	1.00	0.00
H								
HETATM13148	O1	PRP	928	13.906	32.080	1.785	1.00	0.00
O								
HETATM13149	H1	PRP	928	13.075	32.081	1.305	1.00	0.00
H								
HETATM13150	C1	PRP	928	13.564	32.360	3.109	1.00	0.00
C								
HETATM13151	H2	PRP	928	13.069	31.537	3.624	1.00	0.00
H								
HETATM13152	H3	PRP	928	14.470	32.569	3.678	1.00	0.00
H								
HETATM13153	C2	PRP	928	12.600	33.546	3.280	1.00	0.00
C								
HETATM13154	H4	PRP	928	12.258	33.563	4.315	1.00	0.00
H								
HETATM13155	O2	PRP	928	11.441	33.332	2.442	1.00	0.00
O								
HETATM13156	H5	PRP	928	10.652	33.139	2.954	1.00	0.00
H								
HETATM13157	C3	PRP	928	13.279	34.814	2.834	1.00	0.00
C								
HETATM13158	H6	PRP	928	14.080	34.901	3.568	1.00	0.00
H								
HETATM13159	H7	PRP	928	13.714	34.719	1.839	1.00	0.00
H								

HETATM13160	H8	PRP	928	12.646	35.688	2.985	1.00	0.00
H								
HETATM13161	O1	PRP	929	12.169	45.286	11.162	1.00	0.00
O								
HETATM13162	H1	PRP	929	11.734	44.676	11.761	1.00	0.00
H								
HETATM13163	C1	PRP	929	11.646	46.626	11.277	1.00	0.00
C								
HETATM13164	H2	PRP	929	11.743	47.272	10.405	1.00	0.00
H								
HETATM13165	H3	PRP	929	10.607	46.532	11.594	1.00	0.00
H								
HETATM13166	C2	PRP	929	12.470	47.347	12.385	1.00	0.00
C								
HETATM13167	H4	PRP	929	12.108	48.360	12.562	1.00	0.00
H								
HETATM13168	O2	PRP	929	13.778	47.488	11.938	1.00	0.00
O								
HETATM13169	H5	PRP	929	13.833	46.810	11.261	1.00	0.00
H								
HETATM13170	C3	PRP	929	12.361	46.561	13.696	1.00	0.00
C								
HETATM13171	H6	PRP	929	11.384	46.096	13.826	1.00	0.00
H								
HETATM13172	H7	PRP	929	13.182	45.857	13.835	1.00	0.00
H								
HETATM13173	H8	PRP	929	12.572	47.246	14.517	1.00	0.00
H								
HETATM13174	O1	PRP	930	-2.404	36.396	5.832	1.00	0.00
O								
HETATM13175	H1	PRP	930	-1.568	36.213	6.267	1.00	0.00
H								
HETATM13176	C1	PRP	930	-2.141	37.399	4.866	1.00	0.00
C								
HETATM13177	H2	PRP	930	-2.105	38.380	5.339	1.00	0.00
H								
HETATM13178	H3	PRP	930	-1.278	37.067	4.288	1.00	0.00
H								
HETATM13179	C2	PRP	930	-3.269	37.563	3.795	1.00	0.00
C								
HETATM13180	H4	PRP	930	-2.789	38.302	3.153	1.00	0.00
H								
HETATM13181	O2	PRP	930	-4.479	38.061	4.324	1.00	0.00
O								
HETATM13182	H5	PRP	930	-4.922	37.218	4.444	1.00	0.00
H								
HETATM13183	C3	PRP	930	-3.547	36.284	2.991	1.00	0.00
C								
HETATM13184	H6	PRP	930	-4.268	36.447	2.190	1.00	0.00
H								
HETATM13185	H7	PRP	930	-2.562	36.052	2.586	1.00	0.00
H								
HETATM13186	H8	PRP	930	-3.878	35.539	3.715	1.00	0.00
H								
HETATM13187	O1	PRP	931	-3.809	17.904	16.310	1.00	0.00
O								

HETATM13188	H1	PRP	931	-4.317	17.793	15.503	1.00	0.00
H								
HETATM13189	C1	PRP	931	-2.729	18.753	16.106	1.00	0.00
C								
HETATM13190	H2	PRP	931	-3.060	19.766	15.876	1.00	0.00
H								
HETATM13191	H3	PRP	931	-2.173	18.857	17.037	1.00	0.00
H								
HETATM13192	C2	PRP	931	-1.916	18.297	14.971	1.00	0.00
C								
HETATM13193	H4	PRP	931	-2.593	18.024	14.161	1.00	0.00
H								
HETATM13194	O2	PRP	931	-1.099	17.254	15.513	1.00	0.00
O								
HETATM13195	H5	PRP	931	-1.694	16.780	16.098	1.00	0.00
H								
HETATM13196	C3	PRP	931	-1.103	19.502	14.476	1.00	0.00
C								
HETATM13197	H6	PRP	931	-0.688	20.200	15.203	1.00	0.00
H								
HETATM13198	H7	PRP	931	-0.258	19.059	13.950	1.00	0.00
H								
HETATM13199	H8	PRP	931	-1.695	20.162	13.841	1.00	0.00
H								
HETATM13200	O1	PRP	932	9.052	25.928	-0.810	1.00	0.00
O								
HETATM13201	H1	PRP	932	8.249	25.540	-1.166	1.00	0.00
H								
HETATM13202	C1	PRP	932	10.059	24.958	-0.808	1.00	0.00
C								
HETATM13203	H2	PRP	932	10.451	24.707	-1.794	1.00	0.00
H								
HETATM13204	H3	PRP	932	10.942	25.302	-0.269	1.00	0.00
H								
HETATM13205	C2	PRP	932	9.516	23.655	-0.148	1.00	0.00
C								
HETATM13206	H4	PRP	932	10.246	22.859	-0.296	1.00	0.00
H								
HETATM13207	O2	PRP	932	8.257	23.333	-0.768	1.00	0.00
O								
HETATM13208	H5	PRP	932	8.405	22.907	-1.616	1.00	0.00
H								
HETATM13209	C3	PRP	932	9.297	23.830	1.327	1.00	0.00
C								
HETATM13210	H6	PRP	932	8.306	23.438	1.557	1.00	0.00
H								
HETATM13211	H7	PRP	932	9.891	23.199	1.989	1.00	0.00
H								
HETATM13212	H8	PRP	932	9.426	24.850	1.689	1.00	0.00
H								
HETATM13213	O1	PRP	933	18.278	42.848	0.775	1.00	0.00
O								
HETATM13214	H1	PRP	933	17.533	43.450	0.707	1.00	0.00
H								
HETATM13215	C1	PRP	933	17.888	41.771	1.625	1.00	0.00
C								

HETATM13216	H2	PRP	933	18.176	41.879	2.670	1.00	0.00
H								
HETATM13217	H3	PRP	933	16.798	41.757	1.647	1.00	0.00
H								
HETATM13218	C2	PRP	933	18.451	40.372	1.147	1.00	0.00
C								
HETATM13219	H4	PRP	933	19.526	40.354	1.329	1.00	0.00
H								
HETATM13220	O2	PRP	933	18.174	40.156	-0.244	1.00	0.00
O								
HETATM13221	H5	PRP	933	18.817	40.663	-0.744	1.00	0.00
H								
HETATM13222	C3	PRP	933	17.734	39.349	1.910	1.00	0.00
C								
HETATM13223	H6	PRP	933	18.199	38.377	1.746	1.00	0.00
H								
HETATM13224	H7	PRP	933	17.926	39.535	2.967	1.00	0.00
H								
HETATM13225	H8	PRP	933	16.719	39.334	1.513	1.00	0.00
H								
HETATM13226	O1	PRP	934	15.167	33.508	9.723	1.00	0.00
O								
HETATM13227	H1	PRP	934	14.876	33.789	8.852	1.00	0.00
H								
HETATM13228	C1	PRP	934	14.452	33.835	10.819	1.00	0.00
C								
HETATM13229	H2	PRP	934	14.013	34.790	10.530	1.00	0.00
H								
HETATM13230	H3	PRP	934	13.761	33.006	10.972	1.00	0.00
H								
HETATM13231	C2	PRP	934	15.490	33.947	11.968	1.00	0.00
C								
HETATM13232	H4	PRP	934	16.199	34.775	11.930	1.00	0.00
H								
HETATM13233	O2	PRP	934	16.342	32.839	12.074	1.00	0.00
O								
HETATM13234	H5	PRP	934	16.416	32.545	11.163	1.00	0.00
H								
HETATM13235	C3	PRP	934	14.769	34.042	13.321	1.00	0.00
C								
HETATM13236	H6	PRP	934	14.344	33.079	13.603	1.00	0.00
H								
HETATM13237	H7	PRP	934	15.569	34.191	14.046	1.00	0.00
H								
HETATM13238	H8	PRP	934	13.971	34.783	13.356	1.00	0.00
H								
HETATM13239	O1	PRP	935	11.487	30.552	-2.108	1.00	0.00
O								
HETATM13240	H1	PRP	935	12.304	30.107	-1.871	1.00	0.00
H								
HETATM13241	C1	PRP	935	10.393	29.754	-1.682	1.00	0.00
C								
HETATM13242	H2	PRP	935	10.099	28.994	-2.406	1.00	0.00
H								
HETATM13243	H3	PRP	935	10.699	29.170	-0.813	1.00	0.00
H								

HETATM13244	C2	PRP	935	9.284	30.816	-1.459	1.00	0.00
C								
HETATM13245	H4	PRP	935	8.999	31.291	-2.397	1.00	0.00
H								
HETATM13246	O2	PRP	935	9.605	31.708	-0.412	1.00	0.00
O								
HETATM13247	H5	PRP	935	10.385	32.198	-0.681	1.00	0.00
H								
HETATM13248	C3	PRP	935	8.058	29.979	-1.116	1.00	0.00
C								
HETATM13249	H6	PRP	935	7.167	30.493	-0.757	1.00	0.00
H								
HETATM13250	H7	PRP	935	7.694	29.639	-2.085	1.00	0.00
H								
HETATM13251	H8	PRP	935	8.314	29.101	-0.523	1.00	0.00
H								
HETATM13252	O1	PRP	936	21.026	35.703	6.002	1.00	0.00
O								
HETATM13253	H1	PRP	936	21.220	34.805	6.280	1.00	0.00
H								
HETATM13254	C1	PRP	936	21.241	35.907	4.650	1.00	0.00
C								
HETATM13255	H2	PRP	936	22.284	35.650	4.468	1.00	0.00
H								
HETATM13256	H3	PRP	936	20.503	35.309	4.114	1.00	0.00
H								
HETATM13257	C2	PRP	936	21.035	37.376	4.408	1.00	0.00
C								
HETATM13258	H4	PRP	936	21.676	37.979	5.052	1.00	0.00
H								
HETATM13259	O2	PRP	936	19.669	37.681	4.653	1.00	0.00
O								
HETATM13260	H5	PRP	936	19.604	37.418	5.574	1.00	0.00
H								
HETATM13261	C3	PRP	936	21.551	37.724	2.996	1.00	0.00
C								
HETATM13262	H6	PRP	936	22.631	37.754	2.850	1.00	0.00
H								
HETATM13263	H7	PRP	936	21.164	36.887	2.415	1.00	0.00
H								
HETATM13264	H8	PRP	936	21.232	38.747	2.796	1.00	0.00
H								
HETATM13265	O1	PRP	937	2.669	17.988	12.519	1.00	0.00
O								
HETATM13266	H1	PRP	937	1.999	17.517	13.020	1.00	0.00
H								
HETATM13267	C1	PRP	937	4.039	17.581	12.902	1.00	0.00
C								
HETATM13268	H2	PRP	937	4.033	16.750	13.607	1.00	0.00
H								
HETATM13269	H3	PRP	937	4.703	17.285	12.091	1.00	0.00
H								
HETATM13270	C2	PRP	937	4.607	18.863	13.590	1.00	0.00
C								
HETATM13271	H4	PRP	937	3.895	19.124	14.373	1.00	0.00
H								

HETATM13272	O2	PRP	937	4.546	19.811	12.608	1.00	0.00
O								
HETATM13273	H5	PRP	937	3.629	19.849	12.327	1.00	0.00
H								
HETATM13274	C3	PRP	937	6.060	18.622	14.135	1.00	0.00
C								
HETATM13275	H6	PRP	937	6.715	18.445	13.282	1.00	0.00
H								
HETATM13276	H7	PRP	937	6.299	19.556	14.643	1.00	0.00
H								
HETATM13277	H8	PRP	937	6.064	17.825	14.878	1.00	0.00
H								
HETATM13278	O1	PRP	938	10.307	19.882	5.263	1.00	0.00
O								
HETATM13279	H1	PRP	938	10.005	20.291	4.449	1.00	0.00
H								
HETATM13280	C1	PRP	938	9.946	20.719	6.306	1.00	0.00
C								
HETATM13281	H2	PRP	938	8.894	20.969	6.171	1.00	0.00
H								
HETATM13282	H3	PRP	938	10.121	20.297	7.296	1.00	0.00
H								
HETATM13283	C2	PRP	938	10.750	21.997	6.344	1.00	0.00
C								
HETATM13284	H4	PRP	938	10.423	22.690	5.569	1.00	0.00
H								
HETATM13285	O2	PRP	938	12.151	21.650	6.428	1.00	0.00
O								
HETATM13286	H5	PRP	938	12.378	21.271	7.280	1.00	0.00
H								
HETATM13287	C3	PRP	938	10.402	22.716	7.632	1.00	0.00
C								
HETATM13288	H6	PRP	938	10.680	22.157	8.526	1.00	0.00
H								
HETATM13289	H7	PRP	938	11.020	23.613	7.598	1.00	0.00
H								
HETATM13290	H8	PRP	938	9.353	23.003	7.558	1.00	0.00
H								
HETATM13291	O1	PRP	939	15.038	19.220	-1.231	1.00	0.00
O								
HETATM13292	H1	PRP	939	15.119	19.213	-2.188	1.00	0.00
H								
HETATM13293	C1	PRP	939	15.045	20.580	-0.923	1.00	0.00
C								
HETATM13294	H2	PRP	939	14.838	20.671	0.144	1.00	0.00
H								
HETATM13295	H3	PRP	939	16.004	21.055	-1.129	1.00	0.00
H								
HETATM13296	C2	PRP	939	13.956	21.324	-1.752	1.00	0.00
C								
HETATM13297	H4	PRP	939	13.045	20.758	-1.562	1.00	0.00
H								
HETATM13298	O2	PRP	939	14.132	21.313	-3.151	1.00	0.00
O								
HETATM13299	H5	PRP	939	13.829	22.147	-3.516	1.00	0.00
H								

HETATM13300	C3	PRP	939	13.758	22.813	-1.374	1.00	0.00
C								
HETATM13301	H6	PRP	939	13.483	22.876	-0.321	1.00	0.00
H								
HETATM13302	H7	PRP	939	14.739	23.280	-1.464	1.00	0.00
H								
HETATM13303	H8	PRP	939	13.140	23.268	-2.147	1.00	0.00
H								
HETATM13304	O1	PRP	940	25.376	35.924	3.993	1.00	0.00
O								
HETATM13305	H1	PRP	940	25.208	36.021	3.053	1.00	0.00
H								
HETATM13306	C1	PRP	940	25.978	34.709	4.300	1.00	0.00
C								
HETATM13307	H2	PRP	940	26.325	34.761	5.331	1.00	0.00
H								
HETATM13308	H3	PRP	940	25.258	33.932	4.041	1.00	0.00
H								
HETATM13309	C2	PRP	940	27.055	34.340	3.398	1.00	0.00
C								
HETATM13310	H4	PRP	940	27.692	35.219	3.497	1.00	0.00
H								
HETATM13311	O2	PRP	940	26.668	34.040	2.032	1.00	0.00
O								
HETATM13312	H5	PRP	940	26.267	34.796	1.597	1.00	0.00
H								
HETATM13313	C3	PRP	940	27.920	33.225	4.025	1.00	0.00
C								
HETATM13314	H6	PRP	940	28.781	33.016	3.390	1.00	0.00
H								
HETATM13315	H7	PRP	940	28.359	33.563	4.964	1.00	0.00
H								
HETATM13316	H8	PRP	940	27.303	32.354	4.243	1.00	0.00
H								
HETATM13317	O1	PRP	941	27.087	23.059	-5.755	1.00	0.00
O								
HETATM13318	H1	PRP	941	26.401	23.217	-5.103	1.00	0.00
H								
HETATM13319	C1	PRP	941	26.998	23.985	-6.856	1.00	0.00
C								
HETATM13320	H2	PRP	941	27.656	23.569	-7.619	1.00	0.00
H								
HETATM13321	H3	PRP	941	26.025	24.284	-7.246	1.00	0.00
H								
HETATM13322	C2	PRP	941	27.645	25.338	-6.421	1.00	0.00
C								
HETATM13323	H4	PRP	941	28.487	25.084	-5.777	1.00	0.00
H								
HETATM13324	O2	PRP	941	26.767	26.152	-5.740	1.00	0.00
O								
HETATM13325	H5	PRP	941	26.295	26.578	-6.459	1.00	0.00
H								
HETATM13326	C3	PRP	941	28.342	26.016	-7.545	1.00	0.00
C								
HETATM13327	H6	PRP	941	29.038	26.768	-7.174	1.00	0.00
H								

HETATM13328	H7	PRP	941	28.919	25.302	-8.133	1.00	0.00
H								
HETATM13329	H8	PRP	941	27.651	26.516	-8.224	1.00	0.00
H								
HETATM13330	O1	PRP	942	-5.311	37.191	7.595	1.00	0.00
O								
HETATM13331	H1	PRP	942	-4.884	36.721	6.874	1.00	0.00
H								
HETATM13332	C1	PRP	942	-4.389	38.064	8.184	1.00	0.00
C								
HETATM13333	H2	PRP	942	-3.627	37.558	8.776	1.00	0.00
H								
HETATM13334	H3	PRP	942	-3.947	38.620	7.357	1.00	0.00
H								
HETATM13335	C2	PRP	942	-5.306	39.047	8.923	1.00	0.00
C								
HETATM13336	H4	PRP	942	-5.694	38.509	9.787	1.00	0.00
H								
HETATM13337	O2	PRP	942	-6.317	39.541	8.073	1.00	0.00
O								
HETATM13338	H5	PRP	942	-6.335	38.923	7.339	1.00	0.00
H								
HETATM13339	C3	PRP	942	-4.440	40.247	9.413	1.00	0.00
C								
HETATM13340	H6	PRP	942	-4.946	41.099	9.869	1.00	0.00
H								
HETATM13341	H7	PRP	942	-3.836	39.954	10.272	1.00	0.00
H								
HETATM13342	H8	PRP	942	-3.923	40.737	8.589	1.00	0.00
H								
HETATM13343	O1	PRP	943	-3.170	33.819	17.552	1.00	0.00
O								
HETATM13344	H1	PRP	943	-2.502	33.264	17.142	1.00	0.00
H								
HETATM13345	C1	PRP	943	-2.386	34.866	18.200	1.00	0.00
C								
HETATM13346	H2	PRP	943	-1.399	34.898	17.738	1.00	0.00
H								
HETATM13347	H3	PRP	943	-2.948	35.795	18.102	1.00	0.00
H								
HETATM13348	C2	PRP	943	-2.298	34.510	19.684	1.00	0.00
C								
HETATM13349	H4	PRP	943	-1.762	33.561	19.673	1.00	0.00
H								
HETATM13350	O2	PRP	943	-3.626	34.349	20.231	1.00	0.00
O								
HETATM13351	H5	PRP	943	-3.919	33.572	19.748	1.00	0.00
H								
HETATM13352	C3	PRP	943	-1.650	35.615	20.530	1.00	0.00
C								
HETATM13353	H6	PRP	943	-2.173	36.571	20.491	1.00	0.00
H								
HETATM13354	H7	PRP	943	-1.550	35.307	21.570	1.00	0.00
H								
HETATM13355	H8	PRP	943	-0.614	35.735	20.214	1.00	0.00
H								

HETATM13356	O1	PRP	944	-4.481	37.684	12.214	1.00	0.00
O								
HETATM13357	H1	PRP	944	-4.177	38.421	12.748	1.00	0.00
H								
HETATM13358	C1	PRP	944	-5.138	37.012	13.216	1.00	0.00
C								
HETATM13359	H2	PRP	944	-6.086	37.534	13.347	1.00	0.00
H								
HETATM13360	H3	PRP	944	-5.264	35.964	12.946	1.00	0.00
H								
HETATM13361	C2	PRP	944	-4.406	37.153	14.582	1.00	0.00
C								
HETATM13362	H4	PRP	944	-5.072	36.915	15.412	1.00	0.00
H								
HETATM13363	O2	PRP	944	-3.812	38.436	14.704	1.00	0.00
O								
HETATM13364	H5	PRP	944	-4.166	38.873	15.483	1.00	0.00
H								
HETATM13365	C3	PRP	944	-3.183	36.165	14.511	1.00	0.00
C								
HETATM13366	H6	PRP	944	-2.322	36.594	13.998	1.00	0.00
H								
HETATM13367	H7	PRP	944	-2.882	36.077	15.554	1.00	0.00
H								
HETATM13368	H8	PRP	944	-3.432	35.163	14.161	1.00	0.00
H								
HETATM13369	O1	PRP	945	-6.330	33.123	22.878	1.00	0.00
O								
HETATM13370	H1	PRP	945	-5.470	32.714	22.995	1.00	0.00
H								
HETATM13371	C1	PRP	945	-7.139	32.429	23.783	1.00	0.00
C								
HETATM13372	H2	PRP	945	-6.974	32.762	24.807	1.00	0.00
H								
HETATM13373	H3	PRP	945	-8.200	32.643	23.652	1.00	0.00
H								
HETATM13374	C2	PRP	945	-6.943	30.868	23.691	1.00	0.00
C								
HETATM13375	H4	PRP	945	-7.612	30.493	24.465	1.00	0.00
H								
HETATM13376	O2	PRP	945	-5.619	30.512	24.076	1.00	0.00
O								
HETATM13377	H5	PRP	945	-5.515	29.822	24.736	1.00	0.00
H								
HETATM13378	C3	PRP	945	-7.366	30.157	22.419	1.00	0.00
C								
HETATM13379	H6	PRP	945	-6.931	29.160	22.352	1.00	0.00
H								
HETATM13380	H7	PRP	945	-8.455	30.176	22.443	1.00	0.00
H								
HETATM13381	H8	PRP	945	-7.128	30.810	21.580	1.00	0.00
H								
HETATM13382	O1	PRP	946	-1.522	18.905	22.530	1.00	0.00
O								
HETATM13383	H1	PRP	946	-0.830	19.147	21.910	1.00	0.00
H								

HETATM13384	C1	PRP	946	-2.171	20.132	22.816	1.00	0.00
C								
HETATM13385	H2	PRP	946	-3.004	19.937	23.492	1.00	0.00
H								
HETATM13386	H3	PRP	946	-1.460	20.715	23.400	1.00	0.00
H								
HETATM13387	C2	PRP	946	-2.625	20.875	21.524	1.00	0.00
C								
HETATM13388	H4	PRP	946	-3.144	20.062	21.016	1.00	0.00
H								
HETATM13389	O2	PRP	946	-1.575	21.239	20.652	1.00	0.00
O								
HETATM13390	H5	PRP	946	-1.950	21.445	19.792	1.00	0.00
H								
HETATM13391	C3	PRP	946	-3.612	21.942	21.903	1.00	0.00
C								
HETATM13392	H6	PRP	946	-3.219	22.672	22.610	1.00	0.00
H								
HETATM13393	H7	PRP	946	-4.003	22.359	20.975	1.00	0.00
H								
HETATM13394	H8	PRP	946	-4.479	21.544	22.431	1.00	0.00
H								
HETATM13395	O1	PRP	947	-0.102	30.354	25.235	1.00	0.00
O								
HETATM13396	H1	PRP	947	0.555	31.042	25.361	1.00	0.00
H								
HETATM13397	C1	PRP	947	0.496	29.198	24.659	1.00	0.00
C								
HETATM13398	H2	PRP	947	-0.273	28.502	24.324	1.00	0.00
H								
HETATM13399	H3	PRP	947	1.099	29.469	23.793	1.00	0.00
H								
HETATM13400	C2	PRP	947	1.323	28.408	25.663	1.00	0.00
C								
HETATM13401	H4	PRP	947	1.687	27.487	25.206	1.00	0.00
H								
HETATM13402	O2	PRP	947	0.531	27.982	26.777	1.00	0.00
O								
HETATM13403	H5	PRP	947	0.234	28.799	27.183	1.00	0.00
H								
HETATM13404	C3	PRP	947	2.553	29.089	26.151	1.00	0.00
C								
HETATM13405	H6	PRP	947	3.016	28.498	26.940	1.00	0.00
H								
HETATM13406	H7	PRP	947	3.246	29.377	25.360	1.00	0.00
H								
HETATM13407	H8	PRP	947	2.304	30.069	26.558	1.00	0.00
H								
HETATM13408	O1	PRP	948	11.526	33.357	-3.160	1.00	0.00
O								
HETATM13409	H1	PRP	948	11.315	32.587	-2.626	1.00	0.00
H								
HETATM13410	C1	PRP	948	12.445	34.141	-2.350	1.00	0.00
C								
HETATM13411	H2	PRP	948	13.339	33.546	-2.166	1.00	0.00
H								

HETATM13412	H3	PRP	948	12.891	35.027	-2.801	1.00	0.00
H								
HETATM13413	C2	PRP	948	11.926	34.544	-0.949	1.00	0.00
C								
HETATM13414	H4	PRP	948	12.658	35.187	-0.461	1.00	0.00
H								
HETATM13415	O2	PRP	948	11.873	33.363	-0.153	1.00	0.00
O								
HETATM13416	H5	PRP	948	11.721	33.522	0.781	1.00	0.00
H								
HETATM13417	C3	PRP	948	10.601	35.305	-1.071	1.00	0.00
C								
HETATM13418	H6	PRP	948	10.120	35.062	-0.123	1.00	0.00
H								
HETATM13419	H7	PRP	948	10.755	36.384	-1.055	1.00	0.00
H								
HETATM13420	H8	PRP	948	10.023	34.936	-1.918	1.00	0.00
H								
HETATM13421	O1	PRP	949	13.724	43.614	9.685	1.00	0.00
O								
HETATM13422	H1	PRP	949	13.370	44.349	10.191	1.00	0.00
H								
HETATM13423	C1	PRP	949	14.910	44.041	8.933	1.00	0.00
C								
HETATM13424	H2	PRP	949	15.824	43.896	9.509	1.00	0.00
H								
HETATM13425	H3	PRP	949	14.925	43.374	8.071	1.00	0.00
H								
HETATM13426	C2	PRP	949	14.795	45.413	8.354	1.00	0.00
C								
HETATM13427	H4	PRP	949	15.696	45.654	7.789	1.00	0.00
H								
HETATM13428	O2	PRP	949	14.817	46.361	9.386	1.00	0.00
O								
HETATM13429	H5	PRP	949	15.501	46.016	9.965	1.00	0.00
H								
HETATM13430	C3	PRP	949	13.468	45.535	7.627	1.00	0.00
C								
HETATM13431	H6	PRP	949	13.357	44.680	6.960	1.00	0.00
H								
HETATM13432	H7	PRP	949	12.613	45.580	8.302	1.00	0.00
H								
HETATM13433	H8	PRP	949	13.399	46.450	7.039	1.00	0.00
H								
HETATM13434	O1	PRP	950	-1.067	16.277	9.563	1.00	0.00
O								
HETATM13435	H1	PRP	950	-1.792	16.337	10.190	1.00	0.00
H								
HETATM13436	C1	PRP	950	-1.698	16.217	8.245	1.00	0.00
C								
HETATM13437	H2	PRP	950	-0.785	16.478	7.709	1.00	0.00
H								
HETATM13438	H3	PRP	950	-2.116	15.223	8.087	1.00	0.00
H								
HETATM13439	C2	PRP	950	-2.801	17.225	8.001	1.00	0.00
C								

HETATM13440	H4	PRP	950	-2.510	18.187	8.423	1.00	0.00
H								
HETATM13441	O2	PRP	950	-4.041	16.818	8.371	1.00	0.00
O								
HETATM13442	H5	PRP	950	-4.617	17.263	7.745	1.00	0.00
H								
HETATM13443	C3	PRP	950	-2.784	17.361	6.469	1.00	0.00
C								
HETATM13444	H6	PRP	950	-1.742	17.575	6.233	1.00	0.00
H								
HETATM13445	H7	PRP	950	-3.158	16.462	5.979	1.00	0.00
H								
HETATM13446	H8	PRP	950	-3.392	18.236	6.241	1.00	0.00
H								
HETATM13447	O1	PRP	951	1.608	25.108	2.208	1.00	0.00
O								
HETATM13448	H1	PRP	951	1.870	25.813	2.805	1.00	0.00
H								
HETATM13449	C1	PRP	951	0.730	24.321	3.011	1.00	0.00
C								
HETATM13450	H2	PRP	951	0.571	23.345	2.553	1.00	0.00
H								
HETATM13451	H3	PRP	951	1.173	24.300	4.006	1.00	0.00
H								
HETATM13452	C2	PRP	951	-0.625	25.112	3.069	1.00	0.00
C								
HETATM13453	H4	PRP	951	-0.911	25.306	2.035	1.00	0.00
H								
HETATM13454	O2	PRP	951	-0.497	26.355	3.823	1.00	0.00
O								
HETATM13455	H5	PRP	951	0.341	26.789	3.645	1.00	0.00
H								
HETATM13456	C3	PRP	951	-1.790	24.411	3.765	1.00	0.00
C								
HETATM13457	H6	PRP	951	-1.472	24.024	4.733	1.00	0.00
H								
HETATM13458	H7	PRP	951	-2.683	25.027	3.876	1.00	0.00
H								
HETATM13459	H8	PRP	951	-2.094	23.524	3.209	1.00	0.00
H								
HETATM13460	O1	PRP	952	2.769	27.236	3.824	1.00	0.00
O								
HETATM13461	H1	PRP	952	3.664	27.441	3.545	1.00	0.00
H								
HETATM13462	C1	PRP	952	2.456	28.446	4.500	1.00	0.00
C								
HETATM13463	H2	PRP	952	2.195	29.234	3.794	1.00	0.00
H								
HETATM13464	H3	PRP	952	1.720	28.370	5.300	1.00	0.00
H								
HETATM13465	C2	PRP	952	3.740	29.010	5.199	1.00	0.00
C								
HETATM13466	H4	PRP	952	3.741	30.100	5.210	1.00	0.00
H								
HETATM13467	O2	PRP	952	4.967	28.713	4.502	1.00	0.00
O								

HETATM13468	H5	PRP	952	5.613	29.193	5.026	1.00	0.00
H								
HETATM13469	C3	PRP	952	3.902	28.416	6.632	1.00	0.00
C								
HETATM13470	H6	PRP	952	4.862	28.651	7.091	1.00	0.00
H								
HETATM13471	H7	PRP	952	3.033	28.808	7.160	1.00	0.00
H								
HETATM13472	H8	PRP	952	3.808	27.331	6.690	1.00	0.00
H								
HETATM13473	O1	PRP	953	15.669	44.985	1.088	1.00	0.00
O								
HETATM13474	H1	PRP	953	15.694	45.820	0.615	1.00	0.00
H								
HETATM13475	C1	PRP	953	15.149	45.285	2.356	1.00	0.00
C								
HETATM13476	H2	PRP	953	15.993	45.540	2.996	1.00	0.00
H								
HETATM13477	H3	PRP	953	14.321	45.994	2.365	1.00	0.00
H								
HETATM13478	C2	PRP	953	14.758	43.878	2.951	1.00	0.00
C								
HETATM13479	H4	PRP	953	15.620	43.212	2.990	1.00	0.00
H								
HETATM13480	O2	PRP	953	13.665	43.497	2.253	1.00	0.00
O								
HETATM13481	H5	PRP	953	13.812	43.594	1.310	1.00	0.00
H								
HETATM13482	C3	PRP	953	14.398	44.076	4.509	1.00	0.00
C								
HETATM13483	H6	PRP	953	15.217	44.488	5.098	1.00	0.00
H								
HETATM13484	H7	PRP	953	13.550	44.749	4.632	1.00	0.00
H								
HETATM13485	H8	PRP	953	14.156	43.077	4.871	1.00	0.00
H								
HETATM13486	O1	PRP	954	-0.039	30.103	14.865	1.00	0.00
O								
HETATM13487	H1	PRP	954	0.090	30.025	13.917	1.00	0.00
H								
HETATM13488	C1	PRP	954	0.645	31.228	15.425	1.00	0.00
C								
HETATM13489	H2	PRP	954	0.886	31.007	16.465	1.00	0.00
H								
HETATM13490	H3	PRP	954	1.605	31.259	14.910	1.00	0.00
H								
HETATM13491	C2	PRP	954	-0.104	32.646	15.281	1.00	0.00
C								
HETATM13492	H4	PRP	954	0.386	33.508	15.734	1.00	0.00
H								
HETATM13493	O2	PRP	954	-1.349	32.472	15.993	1.00	0.00
O								
HETATM13494	H5	PRP	954	-1.731	31.649	15.678	1.00	0.00
H								
HETATM13495	C3	PRP	954	-0.359	33.008	13.765	1.00	0.00
C								

HETATM13496	H6	PRP	954	0.615	32.906	13.288	1.00	0.00
H								
HETATM13497	H7	PRP	954	-1.112	32.294	13.430	1.00	0.00
H								
HETATM13498	H8	PRP	954	-0.771	34.012	13.665	1.00	0.00
H								
HETATM13499	O1	PRP	955	31.636	50.717	12.841	1.00	0.00
O								
HETATM13500	H1	PRP	955	31.007	50.002	12.721	1.00	0.00
H								
HETATM13501	C1	PRP	955	31.075	51.707	13.623	1.00	0.00
C								
HETATM13502	H2	PRP	955	30.963	51.506	14.688	1.00	0.00
H								
HETATM13503	H3	PRP	955	31.698	52.600	13.558	1.00	0.00
H								
HETATM13504	C2	PRP	955	29.649	52.007	13.007	1.00	0.00
C								
HETATM13505	H4	PRP	955	29.082	52.690	13.640	1.00	0.00
H								
HETATM13506	O2	PRP	955	28.915	50.790	12.929	1.00	0.00
O								
HETATM13507	H5	PRP	955	27.988	51.025	12.851	1.00	0.00
H								
HETATM13508	C3	PRP	955	29.682	52.547	11.590	1.00	0.00
C								
HETATM13509	H6	PRP	955	30.272	51.898	10.944	1.00	0.00
H								
HETATM13510	H7	PRP	955	28.681	52.630	11.167	1.00	0.00
H								
HETATM13511	H8	PRP	955	30.139	53.537	11.590	1.00	0.00
H								
HETATM13512	O1	PRP	956	-1.708	32.310	0.105	1.00	0.00
O								
HETATM13513	H1	PRP	956	-2.638	32.540	0.160	1.00	0.00
H								
HETATM13514	C1	PRP	956	-0.995	33.154	0.979	1.00	0.00
C								
HETATM13515	H2	PRP	956	-1.572	33.336	1.886	1.00	0.00
H								
HETATM13516	H3	PRP	956	0.000	32.784	1.226	1.00	0.00
H								
HETATM13517	C2	PRP	956	-0.733	34.440	0.191	1.00	0.00
C								
HETATM13518	H4	PRP	956	-0.015	35.012	0.778	1.00	0.00
H								
HETATM13519	O2	PRP	956	-1.937	35.230	0.109	1.00	0.00
O								
HETATM13520	H5	PRP	956	-1.741	36.107	-0.228	1.00	0.00
H								
HETATM13521	C3	PRP	956	-0.098	34.099	-1.158	1.00	0.00
C								
HETATM13522	H6	PRP	956	-0.769	34.109	-2.017	1.00	0.00
H								
HETATM13523	H7	PRP	956	0.723	34.797	-1.322	1.00	0.00
H								

HETATM13524	H8	PRP	956	0.346	33.104	-1.135	1.00	0.00
H								
HETATM13525	O1	PRP	957	3.134	24.945	9.844	1.00	0.00
O								
HETATM13526	H1	PRP	957	3.522	24.603	10.652	1.00	0.00
H								
HETATM13527	C1	PRP	957	1.904	25.546	10.070	1.00	0.00
C								
HETATM13528	H2	PRP	957	1.613	25.241	11.075	1.00	0.00
H								
HETATM13529	H3	PRP	957	2.028	26.629	10.044	1.00	0.00
H								
HETATM13530	C2	PRP	957	0.862	25.103	8.991	1.00	0.00
C								
HETATM13531	H4	PRP	957	-0.128	25.475	9.254	1.00	0.00
H								
HETATM13532	O2	PRP	957	0.745	23.715	8.840	1.00	0.00
O								
HETATM13533	H5	PRP	957	1.629	23.380	8.672	1.00	0.00
H								
HETATM13534	C3	PRP	957	1.136	25.590	7.609	1.00	0.00
C								
HETATM13535	H6	PRP	957	0.259	25.442	6.979	1.00	0.00
H								
HETATM13536	H7	PRP	957	1.573	26.586	7.678	1.00	0.00
H								
HETATM13537	H8	PRP	957	1.912	24.894	7.290	1.00	0.00
H								
HETATM13538	O1	PRP	958	7.648	27.556	6.373	1.00	0.00
O								
HETATM13539	H1	PRP	958	7.880	28.224	5.724	1.00	0.00
H								
HETATM13540	C1	PRP	958	7.495	26.348	5.705	1.00	0.00
C								
HETATM13541	H2	PRP	958	6.988	26.643	4.787	1.00	0.00
H								
HETATM13542	H3	PRP	958	8.478	25.974	5.419	1.00	0.00
H								
HETATM13543	C2	PRP	958	6.758	25.480	6.647	1.00	0.00
C								
HETATM13544	H4	PRP	958	5.874	26.041	6.950	1.00	0.00
H								
HETATM13545	O2	PRP	958	7.535	25.192	7.743	1.00	0.00
O								
HETATM13546	H5	PRP	958	8.147	25.932	7.749	1.00	0.00
H								
HETATM13547	C3	PRP	958	6.371	24.100	6.054	1.00	0.00
C								
HETATM13548	H6	PRP	958	7.287	23.608	5.726	1.00	0.00
H								
HETATM13549	H7	PRP	958	5.855	23.456	6.766	1.00	0.00
H								
HETATM13550	H8	PRP	958	5.736	24.175	5.171	1.00	0.00
H								
HETATM13551	O1	PRP	959	23.064	45.205	-4.440	1.00	0.00
O								

HETATM13552	H1	PRP	959	23.575	45.871	-4.906	1.00	0.00
H								
HETATM13553	C1	PRP	959	23.936	44.126	-4.028	1.00	0.00
C								
HETATM13554	H2	PRP	959	24.569	44.605	-3.280	1.00	0.00
H								
HETATM13555	H3	PRP	959	23.431	43.277	-3.568	1.00	0.00
H								
HETATM13556	C2	PRP	959	24.672	43.687	-5.262	1.00	0.00
C								
HETATM13557	H4	PRP	959	25.428	42.984	-4.914	1.00	0.00
H								
HETATM13558	O2	PRP	959	25.295	44.755	-5.878	1.00	0.00
O								
HETATM13559	H5	PRP	959	24.573	45.221	-6.306	1.00	0.00
H								
HETATM13560	C3	PRP	959	23.773	42.856	-6.193	1.00	0.00
C								
HETATM13561	H6	PRP	959	23.261	42.167	-5.521	1.00	0.00
H								
HETATM13562	H7	PRP	959	23.117	43.518	-6.759	1.00	0.00
H								
HETATM13563	H8	PRP	959	24.397	42.302	-6.895	1.00	0.00
H								
HETATM13564	O1	PRP	960	13.758	29.033	-1.380	1.00	0.00
O								
HETATM13565	H1	PRP	960	14.376	28.299	-1.412	1.00	0.00
H								
HETATM13566	C1	PRP	960	14.459	30.060	-0.811	1.00	0.00
C								
HETATM13567	H2	PRP	960	13.841	30.472	-0.014	1.00	0.00
H								
HETATM13568	H3	PRP	960	15.412	29.647	-0.479	1.00	0.00
H								
HETATM13569	C2	PRP	960	14.826	31.101	-1.925	1.00	0.00
C								
HETATM13570	H4	PRP	960	13.975	31.471	-2.496	1.00	0.00
H								
HETATM13571	O2	PRP	960	15.794	30.556	-2.824	1.00	0.00
O								
HETATM13572	H5	PRP	960	15.534	29.728	-3.234	1.00	0.00
H								
HETATM13573	C3	PRP	960	15.493	32.364	-1.252	1.00	0.00
C								
HETATM13574	H6	PRP	960	14.932	32.886	-0.477	1.00	0.00
H								
HETATM13575	H7	PRP	960	16.454	32.012	-0.876	1.00	0.00
H								
HETATM13576	H8	PRP	960	15.692	33.087	-2.044	1.00	0.00
H								
HETATM13577	O1	PRP	961	24.440	38.106	-6.548	1.00	0.00
O								
HETATM13578	H1	PRP	961	25.264	37.845	-6.965	1.00	0.00
H								
HETATM13579	C1	PRP	961	24.863	38.974	-5.531	1.00	0.00
C								

HETATM13580	H2	PRP	961	25.534	39.685	-6.013	1.00	0.00
H								
HETATM13581	H3	PRP	961	24.089	39.596	-5.083	1.00	0.00
H								
HETATM13582	C2	PRP	961	25.626	38.374	-4.268	1.00	0.00
C								
HETATM13583	H4	PRP	961	26.486	37.809	-4.627	1.00	0.00
H								
HETATM13584	O2	PRP	961	24.873	37.472	-3.522	1.00	0.00
O								
HETATM13585	H5	PRP	961	23.948	37.608	-3.739	1.00	0.00
H								
HETATM13586	C3	PRP	961	25.976	39.435	-3.301	1.00	0.00
C								
HETATM13587	H6	PRP	961	26.977	39.760	-3.582	1.00	0.00
H								
HETATM13588	H7	PRP	961	25.407	40.342	-3.507	1.00	0.00
H								
HETATM13589	H8	PRP	961	25.790	39.066	-2.292	1.00	0.00
H								
HETATM13590	O1	PRP	962	12.676	24.578	2.093	1.00	0.00
O								
HETATM13591	H1	PRP	962	12.501	23.851	2.694	1.00	0.00
H								
HETATM13592	C1	PRP	962	12.342	25.793	2.618	1.00	0.00
C								
HETATM13593	H2	PRP	962	11.255	25.787	2.695	1.00	0.00
H								
HETATM13594	H3	PRP	962	12.810	25.862	3.600	1.00	0.00
H								
HETATM13595	C2	PRP	962	12.827	26.882	1.675	1.00	0.00
C								
HETATM13596	H4	PRP	962	12.831	26.631	0.614	1.00	0.00
H								
HETATM13597	O2	PRP	962	14.107	27.282	2.160	1.00	0.00
O								
HETATM13598	H5	PRP	962	14.690	26.890	1.506	1.00	0.00
H								
HETATM13599	C3	PRP	962	12.039	28.177	1.789	1.00	0.00
C								
HETATM13600	H6	PRP	962	10.996	27.964	1.556	1.00	0.00
H								
HETATM13601	H7	PRP	962	12.198	28.531	2.808	1.00	0.00
H								
HETATM13602	H8	PRP	962	12.338	28.972	1.106	1.00	0.00
H								
HETATM13603	O1	PRP	963	4.864	28.459	11.525	1.00	0.00
O								
HETATM13604	H1	PRP	963	5.126	27.925	12.278	1.00	0.00
H								
HETATM13605	C1	PRP	963	5.180	27.719	10.383	1.00	0.00
C								
HETATM13606	H2	PRP	963	4.546	26.838	10.274	1.00	0.00
H								
HETATM13607	H3	PRP	963	5.014	28.295	9.473	1.00	0.00
H								

HETATM13608	C2	PRP	963	6.645	27.197	10.505	1.00	0.00
C								
HETATM13609	H4	PRP	963	6.738	26.477	9.692	1.00	0.00
H								
HETATM13610	O2	PRP	963	6.734	26.504	11.779	1.00	0.00
O								
HETATM13611	H5	PRP	963	7.311	25.795	11.486	1.00	0.00
H								
HETATM13612	C3	PRP	963	7.766	28.163	10.387	1.00	0.00
C								
HETATM13613	H6	PRP	963	7.764	28.776	11.288	1.00	0.00
H								
HETATM13614	H7	PRP	963	8.716	27.710	10.105	1.00	0.00
H								
HETATM13615	H8	PRP	963	7.542	28.855	9.575	1.00	0.00
H								
HETATM13616	O1	PRP	964	25.582	24.719	-3.017	1.00	0.00
O								
HETATM13617	H1	PRP	964	25.733	25.461	-3.607	1.00	0.00
H								
HETATM13618	C1	PRP	964	24.256	24.803	-2.469	1.00	0.00
C								
HETATM13619	H2	PRP	964	23.639	25.156	-3.295	1.00	0.00
H								
HETATM13620	H3	PRP	964	23.744	23.876	-2.214	1.00	0.00
H								
HETATM13621	C2	PRP	964	24.184	25.772	-1.275	1.00	0.00
C								
HETATM13622	H4	PRP	964	24.069	26.791	-1.644	1.00	0.00
H								
HETATM13623	O2	PRP	964	25.338	25.673	-0.505	1.00	0.00
O								
HETATM13624	H5	PRP	964	26.088	25.295	-0.970	1.00	0.00
H								
HETATM13625	C3	PRP	964	22.904	25.600	-0.409	1.00	0.00
C								
HETATM13626	H6	PRP	964	23.080	26.246	0.451	1.00	0.00
H								
HETATM13627	H7	PRP	964	22.010	25.988	-0.897	1.00	0.00
H								
HETATM13628	H8	PRP	964	22.734	24.570	-0.095	1.00	0.00
H								
HETATM13629	O1	PRP	965	8.842	24.789	11.966	1.00	0.00
O								
HETATM13630	H1	PRP	965	8.716	25.065	12.877	1.00	0.00
H								
HETATM13631	C1	PRP	965	8.479	23.470	11.947	1.00	0.00
C								
HETATM13632	H2	PRP	965	7.418	23.308	12.136	1.00	0.00
H								
HETATM13633	H3	PRP	965	8.766	23.047	10.984	1.00	0.00
H								
HETATM13634	C2	PRP	965	9.293	22.792	12.971	1.00	0.00
C								
HETATM13635	H4	PRP	965	9.049	21.730	12.983	1.00	0.00
H								

HETATM13636	O2	PRP	965	8.968	23.261	14.298	1.00	0.00
O								
HETATM13637	H5	PRP	965	8.929	22.512	14.897	1.00	0.00
H								
HETATM13638	C3	PRP	965	10.824	22.841	12.815	1.00	0.00
C								
HETATM13639	H6	PRP	965	11.251	22.056	13.438	1.00	0.00
H								
HETATM13640	H7	PRP	965	11.145	22.538	11.818	1.00	0.00
H								
HETATM13641	H8	PRP	965	11.297	23.782	13.095	1.00	0.00
H								
HETATM13642	O1	PRP	966	1.362	34.683	3.558	1.00	0.00
O								
HETATM13643	H1	PRP	966	1.611	35.567	3.840	1.00	0.00
H								
HETATM13644	C1	PRP	966	0.135	34.266	4.116	1.00	0.00
C								
HETATM13645	H2	PRP	966	-0.710	34.909	3.873	1.00	0.00
H								
HETATM13646	H3	PRP	966	-0.098	33.262	3.761	1.00	0.00
H								
HETATM13647	C2	PRP	966	0.111	34.181	5.679	1.00	0.00
C								
HETATM13648	H4	PRP	966	-0.831	33.739	6.004	1.00	0.00
H								
HETATM13649	O2	PRP	966	0.168	35.524	6.242	1.00	0.00
O								
HETATM13650	H5	PRP	966	0.602	35.437	7.094	1.00	0.00
H								
HETATM13651	C3	PRP	966	1.359	33.590	6.345	1.00	0.00
C								
HETATM13652	H6	PRP	966	2.262	34.129	6.059	1.00	0.00
H								
HETATM13653	H7	PRP	966	1.337	33.722	7.427	1.00	0.00
H								
HETATM13654	H8	PRP	966	1.500	32.533	6.116	1.00	0.00
H								
HETATM13655	O1	PRP	967	7.940	24.377	-6.028	1.00	0.00
O								
HETATM13656	H1	PRP	967	7.707	24.032	-6.893	1.00	0.00
H								
HETATM13657	C1	PRP	967	9.115	25.197	-6.250	1.00	0.00
C								
HETATM13658	H2	PRP	967	9.711	24.735	-7.037	1.00	0.00
H								
HETATM13659	H3	PRP	967	8.664	26.086	-6.692	1.00	0.00
H								
HETATM13660	C2	PRP	967	9.864	25.672	-5.069	1.00	0.00
C								
HETATM13661	H4	PRP	967	10.689	26.347	-5.298	1.00	0.00
H								
HETATM13662	O2	PRP	967	10.364	24.449	-4.405	1.00	0.00
O								
HETATM13663	H5	PRP	967	9.613	23.851	-4.391	1.00	0.00
H								

HETATM13664	C3	PRP	967	8.924	26.299	-4.121	1.00	0.00
C								
HETATM13665	H6	PRP	967	8.415	25.543	-3.523	1.00	0.00
H								
HETATM13666	H7	PRP	967	9.550	26.932	-3.493	1.00	0.00
H								
HETATM13667	H8	PRP	967	8.229	26.999	-4.586	1.00	0.00
H								
HETATM13668	O1	PRP	968	1.563	23.014	-1.970	1.00	0.00
O								
HETATM13669	H1	PRP	968	1.539	23.798	-1.416	1.00	0.00
H								
HETATM13670	C1	PRP	968	0.395	22.276	-1.792	1.00	0.00
C								
HETATM13671	H2	PRP	968	-0.511	22.820	-2.063	1.00	0.00
H								
HETATM13672	H3	PRP	968	0.373	21.466	-2.522	1.00	0.00
H								
HETATM13673	C2	PRP	968	0.390	21.669	-0.421	1.00	0.00
C								
HETATM13674	H4	PRP	968	0.671	22.413	0.325	1.00	0.00
H								
HETATM13675	O2	PRP	968	1.276	20.581	-0.278	1.00	0.00
O								
HETATM13676	H5	PRP	968	1.364	20.328	0.644	1.00	0.00
H								
HETATM13677	C3	PRP	968	-1.028	21.175	-0.060	1.00	0.00
C								
HETATM13678	H6	PRP	968	-1.063	20.650	0.894	1.00	0.00
H								
HETATM13679	H7	PRP	968	-1.555	22.116	0.096	1.00	0.00
H								
HETATM13680	H8	PRP	968	-1.485	20.628	-0.886	1.00	0.00
H								
HETATM13681	O1	PRP	969	-4.902	31.901	19.890	1.00	0.00
O								
HETATM13682	H1	PRP	969	-4.759	30.952	19.880	1.00	0.00
H								
HETATM13683	C1	PRP	969	-6.032	32.164	19.056	1.00	0.00
C								
HETATM13684	H2	PRP	969	-5.719	31.900	18.047	1.00	0.00
H								
HETATM13685	H3	PRP	969	-6.791	31.417	19.289	1.00	0.00
H								
HETATM13686	C2	PRP	969	-6.587	33.651	19.136	1.00	0.00
C								
HETATM13687	H4	PRP	969	-5.811	34.309	19.527	1.00	0.00
H								
HETATM13688	O2	PRP	969	-7.640	33.608	20.049	1.00	0.00
O								
HETATM13689	H5	PRP	969	-7.265	33.218	20.842	1.00	0.00
H								
HETATM13690	C3	PRP	969	-7.109	34.080	17.746	1.00	0.00
C								
HETATM13691	H6	PRP	969	-6.327	34.392	17.054	1.00	0.00
H								

HETATM13692	H7	PRP	969	-7.718	33.307	17.278	1.00	0.00
H								
HETATM13693	H8	PRP	969	-7.728	34.971	17.856	1.00	0.00
H								
HETATM13694	O1	PRP	970	17.476	46.071	22.466	1.00	0.00
O								
HETATM13695	H1	PRP	970	17.883	45.240	22.210	1.00	0.00
H								
HETATM13696	C1	PRP	970	16.038	45.845	22.353	1.00	0.00
C								
HETATM13697	H2	PRP	970	15.610	45.309	23.200	1.00	0.00
H								
HETATM13698	H3	PRP	970	15.502	46.757	22.090	1.00	0.00
H								
HETATM13699	C2	PRP	970	15.831	44.776	21.294	1.00	0.00
C								
HETATM13700	H4	PRP	970	16.337	43.842	21.539	1.00	0.00
H								
HETATM13701	O2	PRP	970	16.270	45.328	20.051	1.00	0.00
O								
HETATM13702	H5	PRP	970	17.037	45.901	20.119	1.00	0.00
H								
HETATM13703	C3	PRP	970	14.323	44.480	21.175	1.00	0.00
C								
HETATM13704	H6	PRP	970	14.126	43.985	20.224	1.00	0.00
H								
HETATM13705	H7	PRP	970	14.050	43.918	22.068	1.00	0.00
H								
HETATM13706	H8	PRP	970	13.797	45.427	21.298	1.00	0.00
H								
HETATM13707	O1	PRP	971	12.953	39.699	3.679	1.00	0.00
O								
HETATM13708	H1	PRP	971	12.326	39.016	3.929	1.00	0.00
H								
HETATM13709	C1	PRP	971	14.216	39.146	3.845	1.00	0.00
C								
HETATM13710	H2	PRP	971	14.228	38.152	3.398	1.00	0.00
H								
HETATM13711	H3	PRP	971	14.914	39.684	3.203	1.00	0.00
H								
HETATM13712	C2	PRP	971	14.715	39.000	5.241	1.00	0.00
C								
HETATM13713	H4	PRP	971	15.705	38.544	5.216	1.00	0.00
H								
HETATM13714	O2	PRP	971	13.791	38.207	5.954	1.00	0.00
O								
HETATM13715	H5	PRP	971	12.913	38.562	5.798	1.00	0.00
H								
HETATM13716	C3	PRP	971	14.897	40.302	5.885	1.00	0.00
C								
HETATM13717	H6	PRP	971	13.886	40.648	6.101	1.00	0.00
H								
HETATM13718	H7	PRP	971	15.390	40.202	6.852	1.00	0.00
H								
HETATM13719	H8	PRP	971	15.402	41.034	5.256	1.00	0.00
H								

HETATM13720	O1	PRP	972	31.511	55.695	19.239	1.00	0.00
O								
HETATM13721	H1	PRP	972	30.610	55.900	19.502	1.00	0.00
H								
HETATM13722	C1	PRP	972	32.158	56.861	18.827	1.00	0.00
C								
HETATM13723	H2	PRP	972	31.664	57.339	17.980	1.00	0.00
H								
HETATM13724	H3	PRP	972	32.110	57.546	19.673	1.00	0.00
H								
HETATM13725	C2	PRP	972	33.596	56.564	18.473	1.00	0.00
C								
HETATM13726	H4	PRP	972	33.726	55.875	17.638	1.00	0.00
H								
HETATM13727	O2	PRP	972	34.061	55.980	19.701	1.00	0.00
O								
HETATM13728	H5	PRP	972	33.322	55.459	20.022	1.00	0.00
H								
HETATM13729	C3	PRP	972	34.381	57.798	18.123	1.00	0.00
C								
HETATM13730	H6	PRP	972	33.879	58.329	17.315	1.00	0.00
H								
HETATM13731	H7	PRP	972	34.226	58.593	18.853	1.00	0.00
H								
HETATM13732	H8	PRP	972	35.442	57.588	17.982	1.00	0.00
H								
HETATM13733	O1	PRP	973	13.070	38.207	12.636	1.00	0.00
O								
HETATM13734	H1	PRP	973	14.009	38.118	12.812	1.00	0.00
H								
HETATM13735	C1	PRP	973	13.046	38.757	11.305	1.00	0.00
C								
HETATM13736	H2	PRP	973	12.254	38.177	10.830	1.00	0.00
H								
HETATM13737	H3	PRP	973	12.818	39.814	11.440	1.00	0.00
H								
HETATM13738	C2	PRP	973	14.385	38.472	10.561	1.00	0.00
C								
HETATM13739	H4	PRP	973	14.494	37.390	10.489	1.00	0.00
H								
HETATM13740	O2	PRP	973	15.425	39.035	11.342	1.00	0.00
O								
HETATM13741	H5	PRP	973	15.181	39.861	11.766	1.00	0.00
H								
HETATM13742	C3	PRP	973	14.441	39.218	9.276	1.00	0.00
C								
HETATM13743	H6	PRP	973	15.467	39.179	8.912	1.00	0.00
H								
HETATM13744	H7	PRP	973	13.784	38.705	8.574	1.00	0.00
H								
HETATM13745	H8	PRP	973	14.155	40.261	9.413	1.00	0.00
H								
HETATM13746	O1	PRP	974	18.578	49.523	10.160	1.00	0.00
O								
HETATM13747	H1	PRP	974	18.618	50.290	9.585	1.00	0.00
H								

HETATM13748	C1	PRP	974	17.184	49.300	10.495	1.00	0.00
C								
HETATM13749	H2	PRP	974	16.716	48.848	9.620	1.00	0.00
H								
HETATM13750	H3	PRP	974	17.018	48.517	11.235	1.00	0.00
H								
HETATM13751	C2	PRP	974	16.498	50.607	10.966	1.00	0.00
C								
HETATM13752	H4	PRP	974	15.566	50.319	11.452	1.00	0.00
H								
HETATM13753	O2	PRP	974	16.415	51.402	9.771	1.00	0.00
O								
HETATM13754	H5	PRP	974	16.235	52.331	9.932	1.00	0.00
H								
HETATM13755	C3	PRP	974	17.207	51.349	12.091	1.00	0.00
C								
HETATM13756	H6	PRP	974	17.426	50.624	12.874	1.00	0.00
H								
HETATM13757	H7	PRP	974	18.138	51.727	11.669	1.00	0.00
H								
HETATM13758	H8	PRP	974	16.577	52.138	12.503	1.00	0.00
H								
HETATM13759	O1	PRP	975	44.518	48.662	17.971	1.00	0.00
O								
HETATM13760	H1	PRP	975	44.736	48.928	17.074	1.00	0.00
H								
HETATM13761	C1	PRP	975	43.224	48.774	18.338	1.00	0.00
C								
HETATM13762	H2	PRP	975	42.908	49.810	18.455	1.00	0.00
H								
HETATM13763	H3	PRP	975	42.664	48.383	17.489	1.00	0.00
H								
HETATM13764	C2	PRP	975	42.855	48.034	19.670	1.00	0.00
C								
HETATM13765	H4	PRP	975	41.792	48.058	19.913	1.00	0.00
H								
HETATM13766	O2	PRP	975	43.676	48.620	20.716	1.00	0.00
O								
HETATM13767	H5	PRP	975	43.504	49.565	20.722	1.00	0.00
H								
HETATM13768	C3	PRP	975	43.396	46.602	19.613	1.00	0.00
C								
HETATM13769	H6	PRP	975	44.445	46.723	19.342	1.00	0.00
H								
HETATM13770	H7	PRP	975	43.323	46.133	20.594	1.00	0.00
H								
HETATM13771	H8	PRP	975	43.025	46.014	18.774	1.00	0.00
H								
HETATM13772	O1	PRP	976	17.990	58.993	10.505	1.00	0.00
O								
HETATM13773	H1	PRP	976	18.875	59.363	10.512	1.00	0.00
H								
HETATM13774	C1	PRP	976	18.212	57.727	9.891	1.00	0.00
C								
HETATM13775	H2	PRP	976	19.037	57.252	10.421	1.00	0.00
H								

HETATM13776	H3	PRP	976	17.320	57.109	9.998	1.00	0.00
H								
HETATM13777	C2	PRP	976	18.677	57.914	8.410	1.00	0.00
C								
HETATM13778	H4	PRP	976	19.070	56.958	8.065	1.00	0.00
H								
HETATM13779	O2	PRP	976	19.719	58.795	8.119	1.00	0.00
O								
HETATM13780	H5	PRP	976	20.474	58.509	8.639	1.00	0.00
H								
HETATM13781	C3	PRP	976	17.459	58.201	7.493	1.00	0.00
C								
HETATM13782	H6	PRP	976	16.923	59.097	7.807	1.00	0.00
H								
HETATM13783	H7	PRP	976	17.775	58.325	6.457	1.00	0.00
H								
HETATM13784	H8	PRP	976	16.761	57.368	7.583	1.00	0.00
H								
HETATM13785	O1	PRP	977	22.713	60.737	17.316	1.00	0.00
O								
HETATM13786	H1	PRP	977	22.360	61.625	17.412	1.00	0.00
H								
HETATM13787	C1	PRP	977	22.800	60.184	18.571	1.00	0.00
C								
HETATM13788	H2	PRP	977	23.104	59.138	18.600	1.00	0.00
H								
HETATM13789	H3	PRP	977	23.517	60.750	19.167	1.00	0.00
H								
HETATM13790	C2	PRP	977	21.360	60.114	19.192	1.00	0.00
C								
HETATM13791	H4	PRP	977	20.634	59.822	18.434	1.00	0.00
H								
HETATM13792	O2	PRP	977	20.910	61.379	19.661	1.00	0.00
O								
HETATM13793	H5	PRP	977	21.204	62.097	19.095	1.00	0.00
H								
HETATM13794	C3	PRP	977	21.367	59.164	20.372	1.00	0.00
C								
HETATM13795	H6	PRP	977	20.443	59.349	20.921	1.00	0.00
H								
HETATM13796	H7	PRP	977	21.375	58.082	20.244	1.00	0.00
H								
HETATM13797	H8	PRP	977	22.211	59.411	21.016	1.00	0.00
H								
HETATM13798	O1	PRP	978	41.089	47.610	13.798	1.00	0.00
O								
HETATM13799	H1	PRP	978	41.720	47.043	13.350	1.00	0.00
H								
HETATM13800	C1	PRP	978	40.900	48.594	12.760	1.00	0.00
C								
HETATM13801	H2	PRP	978	39.860	48.914	12.832	1.00	0.00
H								
HETATM13802	H3	PRP	978	41.583	49.426	12.930	1.00	0.00
H								
HETATM13803	C2	PRP	978	41.345	48.054	11.390	1.00	0.00
C								

HETATM13804	H4	PRP	978	40.674	47.248	11.093	1.00	0.00
H								
HETATM13805	O2	PRP	978	42.637	47.483	11.599	1.00	0.00
O								
HETATM13806	H5	PRP	978	43.008	47.267	10.741	1.00	0.00
H								
HETATM13807	C3	PRP	978	41.312	49.079	10.257	1.00	0.00
C								
HETATM13808	H6	PRP	978	41.584	48.615	9.309	1.00	0.00
H								
HETATM13809	H7	PRP	978	40.313	49.439	10.013	1.00	0.00
H								
HETATM13810	H8	PRP	978	42.063	49.850	10.429	1.00	0.00
H								
HETATM13811	O1	PRP	979	33.883	53.511	10.307	1.00	0.00
O								
HETATM13812	H1	PRP	979	34.800	53.608	10.576	1.00	0.00
H								
HETATM13813	C1	PRP	979	33.536	52.145	10.409	1.00	0.00
C								
HETATM13814	H2	PRP	979	33.445	51.875	11.461	1.00	0.00
H								
HETATM13815	H3	PRP	979	32.513	52.047	10.047	1.00	0.00
H								
HETATM13816	C2	PRP	979	34.466	51.186	9.642	1.00	0.00
C								
HETATM13817	H4	PRP	979	34.009	50.213	9.461	1.00	0.00
H								
HETATM13818	O2	PRP	979	35.553	50.904	10.455	1.00	0.00
O								
HETATM13819	H5	PRP	979	35.964	51.675	10.853	1.00	0.00
H								
HETATM13820	C3	PRP	979	34.845	51.666	8.251	1.00	0.00
C								
HETATM13821	H6	PRP	979	33.920	51.621	7.675	1.00	0.00
H								
HETATM13822	H7	PRP	979	35.293	52.660	8.245	1.00	0.00
H								
HETATM13823	H8	PRP	979	35.474	50.948	7.725	1.00	0.00
H								
HETATM13824	O1	PRP	980	20.866	39.984	9.793	1.00	0.00
O								
HETATM13825	H1	PRP	980	21.184	39.153	9.434	1.00	0.00
H								
HETATM13826	C1	PRP	980	21.610	40.336	10.928	1.00	0.00
C								
HETATM13827	H2	PRP	980	21.145	39.997	11.854	1.00	0.00
H								
HETATM13828	H3	PRP	980	22.624	39.954	10.813	1.00	0.00
H								
HETATM13829	C2	PRP	980	21.714	41.839	11.046	1.00	0.00
C								
HETATM13830	H4	PRP	980	20.715	42.271	11.107	1.00	0.00
H								
HETATM13831	O2	PRP	980	22.465	42.338	9.915	1.00	0.00
O								

HETATM13832	H5	PRP	980	21.962	42.298	9.099	1.00	0.00
H								
HETATM13833	C3	PRP	980	22.439	42.228	12.383	1.00	0.00
C								
HETATM13834	H6	PRP	980	22.138	41.609	13.228	1.00	0.00
H								
HETATM13835	H7	PRP	980	23.515	42.205	12.211	1.00	0.00
H								
HETATM13836	H8	PRP	980	22.180	43.266	12.594	1.00	0.00
H								
HETATM13837	O1	PRP	981	37.883	45.595	4.874	1.00	0.00
O								
HETATM13838	H1	PRP	981	37.401	44.943	5.387	1.00	0.00
H								
HETATM13839	C1	PRP	981	39.206	45.506	5.322	1.00	0.00
C								
HETATM13840	H2	PRP	981	39.762	46.071	4.574	1.00	0.00
H								
HETATM13841	H3	PRP	981	39.171	45.978	6.304	1.00	0.00
H								
HETATM13842	C2	PRP	981	39.630	44.027	5.405	1.00	0.00
C								
HETATM13843	H4	PRP	981	40.568	44.074	5.957	1.00	0.00
H								
HETATM13844	O2	PRP	981	39.777	43.619	4.099	1.00	0.00
O								
HETATM13845	H5	PRP	981	40.489	42.976	4.085	1.00	0.00
H								
HETATM13846	C3	PRP	981	38.664	43.106	6.067	1.00	0.00
C								
HETATM13847	H6	PRP	981	39.042	42.087	5.983	1.00	0.00
H								
HETATM13848	H7	PRP	981	38.497	43.493	7.073	1.00	0.00
H								
HETATM13849	H8	PRP	981	37.721	43.117	5.520	1.00	0.00
H								
HETATM13850	O1	PRP	982	22.756	54.824	13.273	1.00	0.00
O								
HETATM13851	H1	PRP	982	23.084	55.173	12.441	1.00	0.00
H								
HETATM13852	C1	PRP	982	21.443	54.360	12.886	1.00	0.00
C								
HETATM13853	H2	PRP	982	21.533	53.274	12.877	1.00	0.00
H								
HETATM13854	H3	PRP	982	20.815	54.803	13.659	1.00	0.00
H								
HETATM13855	C2	PRP	982	21.057	54.833	11.496	1.00	0.00
C								
HETATM13856	H4	PRP	982	21.698	54.422	10.716	1.00	0.00
H								
HETATM13857	O2	PRP	982	21.122	56.206	11.553	1.00	0.00
O								
HETATM13858	H5	PRP	982	20.622	56.492	12.321	1.00	0.00
H								
HETATM13859	C3	PRP	982	19.593	54.449	11.331	1.00	0.00
C								

HETATM13860	H6	PRP	982	19.049	55.046	10.598	1.00	0.00
H								
HETATM13861	H7	PRP	982	19.582	53.441	10.916	1.00	0.00
H								
HETATM13862	H8	PRP	982	18.999	54.478	12.244	1.00	0.00
H								
HETATM13863	O1	PRP	983	19.321	45.094	4.946	1.00	0.00
O								
HETATM13864	H1	PRP	983	19.842	45.900	4.973	1.00	0.00
H								
HETATM13865	C1	PRP	983	19.638	44.574	3.664	1.00	0.00
C								
HETATM13866	H2	PRP	983	20.459	43.890	3.876	1.00	0.00
H								
HETATM13867	H3	PRP	983	18.821	44.036	3.184	1.00	0.00
H								
HETATM13868	C2	PRP	983	19.982	45.829	2.840	1.00	0.00
C								
HETATM13869	H4	PRP	983	20.006	45.476	1.809	1.00	0.00
H								
HETATM13870	O2	PRP	983	21.332	46.245	3.083	1.00	0.00
O								
HETATM13871	H5	PRP	983	21.815	45.434	2.908	1.00	0.00
H								
HETATM13872	C3	PRP	983	19.098	46.989	2.826	1.00	0.00
C								
HETATM13873	H6	PRP	983	18.771	47.239	3.836	1.00	0.00
H								
HETATM13874	H7	PRP	983	19.670	47.865	2.519	1.00	0.00
H								
HETATM13875	H8	PRP	983	18.216	46.948	2.188	1.00	0.00
H								
HETATM13876	O1	PRP	984	27.877	41.885	2.372	1.00	0.00
O								
HETATM13877	H1	PRP	984	28.648	41.627	1.861	1.00	0.00
H								
HETATM13878	C1	PRP	984	27.236	40.644	2.718	1.00	0.00
C								
HETATM13879	H2	PRP	984	26.185	40.764	2.979	1.00	0.00
H								
HETATM13880	H3	PRP	984	27.178	39.939	1.889	1.00	0.00
H								
HETATM13881	C2	PRP	984	28.037	39.982	3.817	1.00	0.00
C								
HETATM13882	H4	PRP	984	28.275	40.788	4.511	1.00	0.00
H								
HETATM13883	O2	PRP	984	29.194	39.350	3.443	1.00	0.00
O								
HETATM13884	H5	PRP	984	29.650	39.070	4.241	1.00	0.00
H								
HETATM13885	C3	PRP	984	27.157	38.909	4.483	1.00	0.00
C								
HETATM13886	H6	PRP	984	27.429	38.667	5.511	1.00	0.00
H								
HETATM13887	H7	PRP	984	26.103	39.176	4.548	1.00	0.00
H								

HETATM13888	H8	PRP	984	27.216	38.048	3.818	1.00	0.00
H								
HETATM13889	O1	PRP	985	28.727	43.631	13.374	1.00	0.00
O								
HETATM13890	H1	PRP	985	28.125	43.708	12.629	1.00	0.00
H								
HETATM13891	C1	PRP	985	28.175	42.568	14.131	1.00	0.00
C								
HETATM13892	H2	PRP	985	27.994	41.738	13.448	1.00	0.00
H								
HETATM13893	H3	PRP	985	28.925	42.244	14.851	1.00	0.00
H								
HETATM13894	C2	PRP	985	26.865	43.031	14.735	1.00	0.00
C								
HETATM13895	H4	PRP	985	26.624	42.247	15.453	1.00	0.00
H								
HETATM13896	O2	PRP	985	25.886	43.000	13.674	1.00	0.00
O								
HETATM13897	H5	PRP	985	25.024	42.824	14.058	1.00	0.00
H								
HETATM13898	C3	PRP	985	26.851	44.405	15.357	1.00	0.00
C								
HETATM13899	H6	PRP	985	25.893	44.494	15.869	1.00	0.00
H								
HETATM13900	H7	PRP	985	27.658	44.579	16.068	1.00	0.00
H								
HETATM13901	H8	PRP	985	26.933	45.262	14.688	1.00	0.00
H								
HETATM13902	O1	PRP	986	22.933	43.585	3.173	1.00	0.00
O								
HETATM13903	H1	PRP	986	23.739	43.922	2.774	1.00	0.00
H								
HETATM13904	C1	PRP	986	23.190	43.479	4.560	1.00	0.00
C								
HETATM13905	H2	PRP	986	23.945	44.202	4.869	1.00	0.00
H								
HETATM13906	H3	PRP	986	22.295	43.764	5.114	1.00	0.00
H								
HETATM13907	C2	PRP	986	23.674	42.061	4.805	1.00	0.00
C								
HETATM13908	H4	PRP	986	24.654	42.028	4.330	1.00	0.00
H								
HETATM13909	O2	PRP	986	22.793	41.132	4.243	1.00	0.00
O								
HETATM13910	H5	PRP	986	21.896	41.450	4.365	1.00	0.00
H								
HETATM13911	C3	PRP	986	23.841	41.732	6.312	1.00	0.00
C								
HETATM13912	H6	PRP	986	24.301	42.522	6.907	1.00	0.00
H								
HETATM13913	H7	PRP	986	22.862	41.428	6.680	1.00	0.00
H								
HETATM13914	H8	PRP	986	24.513	40.884	6.446	1.00	0.00
H								
HETATM13915	O1	PRP	987	41.208	52.772	7.258	1.00	0.00
O								

HETATM13916	H1	PRP	987	40.298	52.950	7.007	1.00	0.00
H								
HETATM13917	C1	PRP	987	41.889	52.159	6.143	1.00	0.00
C								
HETATM13918	H2	PRP	987	42.835	51.795	6.545	1.00	0.00
H								
HETATM13919	H3	PRP	987	41.389	51.277	5.744	1.00	0.00
H								
HETATM13920	C2	PRP	987	42.238	53.083	4.956	1.00	0.00
C								
HETATM13921	H4	PRP	987	42.392	54.073	5.384	1.00	0.00
H								
HETATM13922	O2	PRP	987	41.131	53.113	4.190	1.00	0.00
O								
HETATM13923	H5	PRP	987	41.276	53.738	3.476	1.00	0.00
H								
HETATM13924	C3	PRP	987	43.479	52.746	4.079	1.00	0.00
C								
HETATM13925	H6	PRP	987	43.326	53.380	3.206	1.00	0.00
H								
HETATM13926	H7	PRP	987	44.360	53.184	4.549	1.00	0.00
H								
HETATM13927	H8	PRP	987	43.538	51.717	3.723	1.00	0.00
H								
HETATM13928	O1	PRP	988	-1.040	1.255	4.473	1.00	0.00
O								
HETATM13929	H1	PRP	988	-1.480	1.943	3.968	1.00	0.00
H								
HETATM13930	C1	PRP	988	-0.445	1.897	5.597	1.00	0.00
C								
HETATM13931	H2	PRP	988	-0.805	2.920	5.487	1.00	0.00
H								
HETATM13932	H3	PRP	988	-0.869	1.442	6.493	1.00	0.00
H								
HETATM13933	C2	PRP	988	1.039	1.823	5.636	1.00	0.00
C								
HETATM13934	H4	PRP	988	1.391	1.957	4.613	1.00	0.00
H								
HETATM13935	O2	PRP	988	1.431	0.603	6.287	1.00	0.00
O								
HETATM13936	H5	PRP	988	1.048	-0.172	5.870	1.00	0.00
H								
HETATM13937	C3	PRP	988	1.431	2.997	6.516	1.00	0.00
C								
HETATM13938	H6	PRP	988	2.462	2.857	6.839	1.00	0.00
H								
HETATM13939	H7	PRP	988	1.306	3.919	5.949	1.00	0.00
H								
HETATM13940	H8	PRP	988	0.901	2.862	7.459	1.00	0.00
H								
HETATM13941	O1	PRP	989	2.956	6.386	7.989	1.00	0.00
O								
HETATM13942	H1	PRP	989	3.566	6.521	8.717	1.00	0.00
H								
HETATM13943	C1	PRP	989	1.744	7.010	8.091	1.00	0.00
C								

HETATM13944	H2	PRP	989	1.897	8.038	8.420	1.00	0.00
H								
HETATM13945	H3	PRP	989	1.307	7.028	7.093	1.00	0.00
H								
HETATM13946	C2	PRP	989	0.886	6.363	9.167	1.00	0.00
C								
HETATM13947	H4	PRP	989	1.498	6.494	10.059	1.00	0.00
H								
HETATM13948	O2	PRP	989	0.589	5.015	8.947	1.00	0.00
O								
HETATM13949	H5	PRP	989	1.395	4.611	8.619	1.00	0.00
H								
HETATM13950	C3	PRP	989	-0.369	7.060	9.253	1.00	0.00
C								
HETATM13951	H6	PRP	989	-0.791	6.649	10.171	1.00	0.00
H								
HETATM13952	H7	PRP	989	-0.214	8.138	9.287	1.00	0.00
H								
HETATM13953	H8	PRP	989	-0.961	6.965	8.343	1.00	0.00
H								
HETATM13954	O1	PRP	990	20.050	0.572	25.525	1.00	0.00
O								
HETATM13955	H1	PRP	990	19.618	1.097	26.202	1.00	0.00
H								
HETATM13956	C1	PRP	990	20.199	1.377	24.344	1.00	0.00
C								
HETATM13957	H2	PRP	990	19.781	2.361	24.555	1.00	0.00
H								
HETATM13958	H3	PRP	990	21.271	1.422	24.149	1.00	0.00
H								
HETATM13959	C2	PRP	990	19.393	0.793	23.224	1.00	0.00
C								
HETATM13960	H4	PRP	990	19.481	1.499	22.398	1.00	0.00
H								
HETATM13961	O2	PRP	990	18.014	0.756	23.690	1.00	0.00
O								
HETATM13962	H5	PRP	990	17.906	0.241	24.493	1.00	0.00
H								
HETATM13963	C3	PRP	990	19.763	-0.629	22.788	1.00	0.00
C								
HETATM13964	H6	PRP	990	19.335	-0.761	21.794	1.00	0.00
H								
HETATM13965	H7	PRP	990	20.848	-0.618	22.689	1.00	0.00
H								
HETATM13966	H8	PRP	990	19.426	-1.418	23.461	1.00	0.00
H								
HETATM13967	O1	PRP	991	4.384	4.890	3.200	1.00	0.00
O								
HETATM13968	H1	PRP	991	3.888	5.650	3.512	1.00	0.00
H								
HETATM13969	C1	PRP	991	5.654	4.974	3.930	1.00	0.00
C								
HETATM13970	H2	PRP	991	6.278	4.131	3.633	1.00	0.00
H								
HETATM13971	H3	PRP	991	6.180	5.911	3.746	1.00	0.00
H								

HETATM13972	C2	PRP	991	5.274	4.768	5.413	1.00	0.00
C								
HETATM13973	H4	PRP	991	4.450	4.056	5.442	1.00	0.00
H								
HETATM13974	O2	PRP	991	4.782	5.976	5.979	1.00	0.00
O								
HETATM13975	H5	PRP	991	4.027	5.785	6.541	1.00	0.00
H								
HETATM13976	C3	PRP	991	6.474	4.438	6.293	1.00	0.00
C								
HETATM13977	H6	PRP	991	6.152	4.308	7.327	1.00	0.00
H								
HETATM13978	H7	PRP	991	6.979	3.529	5.967	1.00	0.00
H								
HETATM13979	H8	PRP	991	7.152	5.291	6.300	1.00	0.00
H								
HETATM13980	O1	PRP	992	11.418	26.571	6.699	1.00	0.00
O								
HETATM13981	H1	PRP	992	11.904	25.748	6.784	1.00	0.00
H								
HETATM13982	C1	PRP	992	12.040	27.458	7.616	1.00	0.00
C								
HETATM13983	H2	PRP	992	12.925	27.880	7.140	1.00	0.00
H								
HETATM13984	H3	PRP	992	11.394	28.276	7.935	1.00	0.00
H								
HETATM13985	C2	PRP	992	12.585	26.664	8.786	1.00	0.00
C								
HETATM13986	H4	PRP	992	13.190	27.331	9.400	1.00	0.00
H								
HETATM13987	O2	PRP	992	13.349	25.590	8.352	1.00	0.00
O								
HETATM13988	H5	PRP	992	14.051	25.898	7.774	1.00	0.00
H								
HETATM13989	C3	PRP	992	11.534	25.995	9.673	1.00	0.00
C								
HETATM13990	H6	PRP	992	11.921	25.453	10.536	1.00	0.00
H								
HETATM13991	H7	PRP	992	10.852	26.803	9.935	1.00	0.00
H								
HETATM13992	H8	PRP	992	11.075	25.239	9.035	1.00	0.00
H								
HETATM13993	O1	PRP	993	18.794	26.227	-1.137	1.00	0.00
O								
HETATM13994	H1	PRP	993	18.630	27.162	-1.281	1.00	0.00
H								
HETATM13995	C1	PRP	993	18.315	25.839	0.095	1.00	0.00
C								
HETATM13996	H2	PRP	993	18.889	24.977	0.436	1.00	0.00
H								
HETATM13997	H3	PRP	993	18.320	26.682	0.785	1.00	0.00
H								
HETATM13998	C2	PRP	993	16.860	25.358	0.064	1.00	0.00
C								
HETATM13999	H4	PRP	993	16.924	24.630	-0.745	1.00	0.00
H								

HETATM14000	O2	PRP	993	15.836	26.299	-0.360	1.00	0.00
O								
HETATM14001	H5	PRP	993	16.153	26.784	-1.125	1.00	0.00
H								
HETATM14002	C3	PRP	993	16.383	24.529	1.245	1.00	0.00
C								
HETATM14003	H6	PRP	993	16.601	24.789	2.281	1.00	0.00
H								
HETATM14004	H7	PRP	993	15.305	24.412	1.133	1.00	0.00
H								
HETATM14005	H8	PRP	993	16.773	23.523	1.090	1.00	0.00
H								
HETATM14006	O1	PRP	994	26.823	44.414	9.448	1.00	0.00
O								
HETATM14007	H1	PRP	994	27.405	44.397	10.211	1.00	0.00
H								
HETATM14008	C1	PRP	994	25.870	43.421	9.527	1.00	0.00
C								
HETATM14009	H2	PRP	994	25.119	43.735	10.253	1.00	0.00
H								
HETATM14010	H3	PRP	994	25.213	43.368	8.659	1.00	0.00
H								
HETATM14011	C2	PRP	994	26.428	42.021	9.913	1.00	0.00
C								
HETATM14012	H4	PRP	994	25.593	41.348	10.108	1.00	0.00
H								
HETATM14013	O2	PRP	994	27.158	42.068	11.131	1.00	0.00
O								
HETATM14014	H5	PRP	994	26.588	42.187	11.894	1.00	0.00
H								
HETATM14015	C3	PRP	994	27.345	41.593	8.773	1.00	0.00
C								
HETATM14016	H6	PRP	994	27.955	40.716	8.988	1.00	0.00
H								
HETATM14017	H7	PRP	994	26.725	41.289	7.929	1.00	0.00
H								
HETATM14018	H8	PRP	994	28.057	42.397	8.588	1.00	0.00
H								
HETATM14019	O1	PRP	995	18.261	10.899	3.668	1.00	0.00
O								
HETATM14020	H1	PRP	995	19.042	11.122	4.180	1.00	0.00
H								
HETATM14021	C1	PRP	995	18.503	9.756	2.905	1.00	0.00
C								
HETATM14022	H2	PRP	995	18.713	8.896	3.542	1.00	0.00
H								
HETATM14023	H3	PRP	995	17.582	9.561	2.355	1.00	0.00
H								
HETATM14024	C2	PRP	995	19.770	10.110	2.143	1.00	0.00
C								
HETATM14025	H4	PRP	995	20.517	10.434	2.868	1.00	0.00
H								
HETATM14026	O2	PRP	995	19.512	11.173	1.254	1.00	0.00
O								
HETATM14027	H5	PRP	995	19.183	11.911	1.772	1.00	0.00
H								

HETATM14028	C3	PRP	995	20.278	8.879	1.436	1.00	0.00
C								
HETATM14029	H6	PRP	995	19.460	8.426	0.875	1.00	0.00
H								
HETATM14030	H7	PRP	995	20.992	9.135	0.654	1.00	0.00
H								
HETATM14031	H8	PRP	995	20.647	8.164	2.172	1.00	0.00
H								
HETATM14032	O1	PRP	996	24.141	23.938	4.319	1.00	0.00
O								
HETATM14033	H1	PRP	996	24.484	23.502	3.535	1.00	0.00
H								
HETATM14034	C1	PRP	996	24.445	25.278	4.178	1.00	0.00
C								
HETATM14035	H2	PRP	996	23.821	25.652	3.365	1.00	0.00
H								
HETATM14036	H3	PRP	996	24.151	25.710	5.135	1.00	0.00
H								
HETATM14037	C2	PRP	996	25.955	25.567	3.758	1.00	0.00
C								
HETATM14038	H4	PRP	996	26.106	26.646	3.781	1.00	0.00
H								
HETATM14039	O2	PRP	996	26.087	24.941	2.474	1.00	0.00
O								
HETATM14040	H5	PRP	996	25.620	25.466	1.820	1.00	0.00
H								
HETATM14041	C3	PRP	996	26.956	24.879	4.700	1.00	0.00
C								
HETATM14042	H6	PRP	996	26.552	23.916	5.015	1.00	0.00
H								
HETATM14043	H7	PRP	996	27.969	24.856	4.299	1.00	0.00
H								
HETATM14044	H8	PRP	996	26.911	25.412	5.650	1.00	0.00
H								
HETATM14045	O1	PRP	997	22.303	9.200	-7.564	1.00	0.00
O								
HETATM14046	H1	PRP	997	22.157	8.333	-7.949	1.00	0.00
H								
HETATM14047	C1	PRP	997	21.207	9.572	-6.709	1.00	0.00
C								
HETATM14048	H2	PRP	997	20.267	9.383	-7.227	1.00	0.00
H								
HETATM14049	H3	PRP	997	21.160	9.034	-5.762	1.00	0.00
H								
HETATM14050	C2	PRP	997	21.455	11.063	-6.386	1.00	0.00
C								
HETATM14051	H4	PRP	997	21.851	11.470	-7.316	1.00	0.00
H								
HETATM14052	O2	PRP	997	22.379	11.278	-5.331	1.00	0.00
O								
HETATM14053	H5	PRP	997	21.998	11.239	-4.450	1.00	0.00
H								
HETATM14054	C3	PRP	997	20.072	11.716	-6.137	1.00	0.00
C								
HETATM14055	H6	PRP	997	20.288	12.775	-6.001	1.00	0.00
H								

HETATM14056	H7	PRP	997	19.452	11.584	-7.024	1.00	0.00
H								
HETATM14057	H8	PRP	997	19.641	11.218	-5.269	1.00	0.00
H								
HETATM14058	O1	PRP	998	18.896	21.788	0.149	1.00	0.00
O								
HETATM14059	H1	PRP	998	19.221	21.972	-0.735	1.00	0.00
H								
HETATM14060	C1	PRP	998	19.990	21.796	1.087	1.00	0.00
C								
HETATM14061	H2	PRP	998	20.132	22.834	1.389	1.00	0.00
H								
HETATM14062	H3	PRP	998	19.677	21.376	2.042	1.00	0.00
H								
HETATM14063	C2	PRP	998	21.191	21.061	0.604	1.00	0.00
C								
HETATM14064	H4	PRP	998	22.049	21.030	1.276	1.00	0.00
H								
HETATM14065	O2	PRP	998	21.737	21.757	-0.501	1.00	0.00
O								
HETATM14066	H5	PRP	998	21.054	21.929	-1.153	1.00	0.00
H								
HETATM14067	C3	PRP	998	21.027	19.559	0.227	1.00	0.00
C								
HETATM14068	H6	PRP	998	20.626	19.057	1.108	1.00	0.00
H								
HETATM14069	H7	PRP	998	20.280	19.440	-0.557	1.00	0.00
H								
HETATM14070	H8	PRP	998	21.924	19.106	-0.197	1.00	0.00
H								
HETATM14071	O1	PRP	999	21.433	23.534	9.188	1.00	0.00
O								
HETATM14072	H1	PRP	999	21.072	24.407	9.360	1.00	0.00
H								
HETATM14073	C1	PRP	999	20.773	22.767	8.166	1.00	0.00
C								
HETATM14074	H2	PRP	999	21.252	21.824	7.901	1.00	0.00
H								
HETATM14075	H3	PRP	999	19.783	22.431	8.474	1.00	0.00
H								
HETATM14076	C2	PRP	999	20.738	23.646	6.949	1.00	0.00
C								
HETATM14077	H4	PRP	999	21.771	23.716	6.607	1.00	0.00
H								
HETATM14078	O2	PRP	999	20.066	24.887	7.271	1.00	0.00
O								
HETATM14079	H5	PRP	999	20.753	25.423	7.675	1.00	0.00
H								
HETATM14080	C3	PRP	999	20.005	23.035	5.762	1.00	0.00
C								
HETATM14081	H6	PRP	999	19.129	23.611	5.462	1.00	0.00
H								
HETATM14082	H7	PRP	999	20.670	22.895	4.910	1.00	0.00
H								
HETATM14083	H8	PRP	999	19.682	22.051	6.103	1.00	0.00
H								

HETATM14084	O1	PRP	1000	15.406	11.070	8.333	1.00	0.00
O								
HETATM14085	H1	PRP	1000	15.418	10.973	9.288	1.00	0.00
H								
HETATM14086	C1	PRP	1000	14.209	11.603	7.956	1.00	0.00
C								
HETATM14087	H2	PRP	1000	13.501	10.824	7.670	1.00	0.00
H								
HETATM14088	H3	PRP	1000	13.741	12.048	8.834	1.00	0.00
H								
HETATM14089	C2	PRP	1000	14.415	12.689	6.867	1.00	0.00
C								
HETATM14090	H4	PRP	1000	14.708	12.206	5.935	1.00	0.00
H								
HETATM14091	O2	PRP	1000	15.293	13.698	7.222	1.00	0.00
O								
HETATM14092	H5	PRP	1000	16.118	13.212	7.148	1.00	0.00
H								
HETATM14093	C3	PRP	1000	13.077	13.286	6.680	1.00	0.00
C								
HETATM14094	H6	PRP	1000	12.359	12.492	6.476	1.00	0.00
H								
HETATM14095	H7	PRP	1000	12.738	13.758	7.602	1.00	0.00
H								
HETATM14096	H8	PRP	1000	13.033	13.909	5.787	1.00	0.00
H								
HETATM14097	O1	PRP	1001	26.456	31.498	-0.149	1.00	0.00
O								
HETATM14098	H1	PRP	1001	25.619	31.648	-0.595	1.00	0.00
H								
HETATM14099	C1	PRP	1001	26.390	30.231	0.537	1.00	0.00
C								
HETATM14100	H2	PRP	1001	26.519	29.409	-0.168	1.00	0.00
H								
HETATM14101	H3	PRP	1001	27.217	30.238	1.247	1.00	0.00
H								
HETATM14102	C2	PRP	1001	25.030	30.190	1.197	1.00	0.00
C								
HETATM14103	H4	PRP	1001	24.224	30.591	0.583	1.00	0.00
H								
HETATM14104	O2	PRP	1001	25.171	30.938	2.393	1.00	0.00
O								
HETATM14105	H5	PRP	1001	25.658	31.716	2.111	1.00	0.00
H								
HETATM14106	C3	PRP	1001	24.542	28.786	1.597	1.00	0.00
C								
HETATM14107	H6	PRP	1001	24.521	28.240	0.654	1.00	0.00
H								
HETATM14108	H7	PRP	1001	25.341	28.340	2.189	1.00	0.00
H								
HETATM14109	H8	PRP	1001	23.597	28.793	2.139	1.00	0.00
H								
HETATM14110	O1	PRP	1002	23.456	20.850	-4.278	1.00	0.00
O								
HETATM14111	H1	PRP	1002	24.265	21.142	-3.851	1.00	0.00
H								

HETATM14112	C1	PRP	1002	22.915	21.895	-5.064	1.00	0.00
C								
HETATM14113	H2	PRP	1002	22.342	22.479	-4.343	1.00	0.00
H								
HETATM14114	H3	PRP	1002	23.640	22.524	-5.580	1.00	0.00
H								
HETATM14115	C2	PRP	1002	22.015	21.274	-6.136	1.00	0.00
C								
HETATM14116	H4	PRP	1002	21.129	20.788	-5.728	1.00	0.00
H								
HETATM14117	O2	PRP	1002	22.623	20.298	-6.937	1.00	0.00
O								
HETATM14118	H5	PRP	1002	23.451	19.978	-6.572	1.00	0.00
H								
HETATM14119	C3	PRP	1002	21.438	22.438	-7.016	1.00	0.00
C								
HETATM14120	H6	PRP	1002	22.230	23.059	-7.435	1.00	0.00
H								
HETATM14121	H7	PRP	1002	20.755	22.112	-7.801	1.00	0.00
H								
HETATM14122	H8	PRP	1002	20.888	23.078	-6.326	1.00	0.00
H								
HETATM14123	O1	PRP	1003	13.550	20.720	8.911	1.00	0.00
O								
HETATM14124	H1	PRP	1003	13.768	20.211	9.695	1.00	0.00
H								
HETATM14125	C1	PRP	1003	14.567	21.772	9.065	1.00	0.00
C								
HETATM14126	H2	PRP	1003	14.360	22.685	8.505	1.00	0.00
H								
HETATM14127	H3	PRP	1003	14.747	21.994	10.116	1.00	0.00
H								
HETATM14128	C2	PRP	1003	15.859	21.132	8.531	1.00	0.00
C								
HETATM14129	H4	PRP	1003	15.648	20.565	7.625	1.00	0.00
H								
HETATM14130	O2	PRP	1003	16.292	20.268	9.539	1.00	0.00
O								
HETATM14131	H5	PRP	1003	17.052	19.832	9.147	1.00	0.00
H								
HETATM14132	C3	PRP	1003	16.866	22.219	8.303	1.00	0.00
C								
HETATM14133	H6	PRP	1003	17.315	22.496	9.257	1.00	0.00
H								
HETATM14134	H7	PRP	1003	17.659	21.847	7.655	1.00	0.00
H								
HETATM14135	H8	PRP	1003	16.359	23.087	7.881	1.00	0.00
H								
HETATM14136	O1	PRP	1004	15.917	22.593	5.102	1.00	0.00
O								
HETATM14137	H1	PRP	1004	15.435	23.379	5.372	1.00	0.00
H								
HETATM14138	C1	PRP	1004	15.071	21.584	4.580	1.00	0.00
C								
HETATM14139	H2	PRP	1004	15.804	20.893	4.165	1.00	0.00
H								

HETATM14140	H3	PRP	1004	14.391	21.210	5.346	1.00	0.00
H								
HETATM14141	C2	PRP	1004	14.154	22.270	3.567	1.00	0.00
C								
HETATM14142	H4	PRP	1004	14.688	22.918	2.871	1.00	0.00
H								
HETATM14143	O2	PRP	1004	13.157	23.034	4.256	1.00	0.00
O								
HETATM14144	H5	PRP	1004	12.848	22.524	5.008	1.00	0.00
H								
HETATM14145	C3	PRP	1004	13.326	21.212	2.852	1.00	0.00
C								
HETATM14146	H6	PRP	1004	12.661	20.685	3.537	1.00	0.00
H								
HETATM14147	H7	PRP	1004	12.601	21.580	2.127	1.00	0.00
H								
HETATM14148	H8	PRP	1004	14.045	20.547	2.373	1.00	0.00
H								
HETATM14149	O1	PRP	1005	2.262	21.147	3.341	1.00	0.00
O								
HETATM14150	H1	PRP	1005	2.494	20.478	2.693	1.00	0.00
H								
HETATM14151	C1	PRP	1005	3.422	21.936	3.520	1.00	0.00
C								
HETATM14152	H2	PRP	1005	3.188	22.705	4.257	1.00	0.00
H								
HETATM14153	H3	PRP	1005	4.163	21.387	4.101	1.00	0.00
H								
HETATM14154	C2	PRP	1005	3.951	22.553	2.159	1.00	0.00
C								
HETATM14155	H4	PRP	1005	3.113	23.033	1.654	1.00	0.00
H								
HETATM14156	O2	PRP	1005	4.379	21.479	1.317	1.00	0.00
O								
HETATM14157	H5	PRP	1005	4.274	21.781	0.412	1.00	0.00
H								
HETATM14158	C3	PRP	1005	5.074	23.569	2.454	1.00	0.00
C								
HETATM14159	H6	PRP	1005	5.936	23.132	2.959	1.00	0.00
H								
HETATM14160	H7	PRP	1005	5.565	23.886	1.534	1.00	0.00
H								
HETATM14161	H8	PRP	1005	4.688	24.437	2.988	1.00	0.00
H								
HETATM14162	O1	PRP	1006	18.812	19.464	8.465	1.00	0.00
O								
HETATM14163	H1	PRP	1006	19.197	19.648	9.326	1.00	0.00
H								
HETATM14164	C1	PRP	1006	19.846	18.664	7.947	1.00	0.00
C								
HETATM14165	H2	PRP	1006	20.612	19.363	7.611	1.00	0.00
H								
HETATM14166	H3	PRP	1006	20.213	17.978	8.711	1.00	0.00
H								
HETATM14167	C2	PRP	1006	19.209	17.952	6.728	1.00	0.00
C								

HETATM14168	H4	PRP	1006	20.042	17.717	6.066	1.00	0.00
H								
HETATM14169	O2	PRP	1006	18.326	18.774	5.953	1.00	0.00
O								
HETATM14170	H5	PRP	1006	18.210	19.579	6.464	1.00	0.00
H								
HETATM14171	C3	PRP	1006	18.436	16.703	7.061	1.00	0.00
C								
HETATM14172	H6	PRP	1006	18.064	16.257	6.139	1.00	0.00
H								
HETATM14173	H7	PRP	1006	19.091	15.977	7.542	1.00	0.00
H								
HETATM14174	H8	PRP	1006	17.573	16.911	7.694	1.00	0.00
H								
HETATM14175	O1	PRP	1007	19.660	21.211	-2.632	1.00	0.00
O								
HETATM14176	H1	PRP	1007	20.236	20.469	-2.832	1.00	0.00
H								
HETATM14177	C1	PRP	1007	18.301	20.908	-2.862	1.00	0.00
C								
HETATM14178	H2	PRP	1007	18.115	20.091	-2.164	1.00	0.00
H								
HETATM14179	H3	PRP	1007	17.680	21.752	-2.564	1.00	0.00
H								
HETATM14180	C2	PRP	1007	18.054	20.590	-4.422	1.00	0.00
C								
HETATM14181	H4	PRP	1007	17.045	20.181	-4.455	1.00	0.00
H								
HETATM14182	O2	PRP	1007	18.924	19.549	-4.856	1.00	0.00
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HETATM14183	H5	PRP	1007	18.636	18.726	-4.454	1.00	0.00
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HETATM14184	C3	PRP	1007	18.155	21.838	-5.303	1.00	0.00
C								
HETATM14185	H6	PRP	1007	18.368	21.466	-6.305	1.00	0.00
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HETATM14186	H7	PRP	1007	17.318	22.512	-5.114	1.00	0.00
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HETATM14187	H8	PRP	1007	19.031	22.412	-5.002	1.00	0.00
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