

**The Aggregation of Capped Hexaglycine Strands into Hydrogen-Bonding Motifs
Representative of Pleated and Rippled β -Sheets, Collagen, and Polyglycine I and II Crystal
Structures. A Density Functional Theory (DFT) Study.**

Joshua A. Plumley, Midas (I-Hsien) Tsai and J. J. Dannenberg*

Department of Chemistry

City University of New York - Hunter College and the Graduate School

695 Park Avenue, New York NY 10065

jdannenberg@gc.cuny.edu

Supplementary Information

Figures of 3 strand structures	S2
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Cartesian Coordinates for all structures	S10

Figures for 3 strand structures

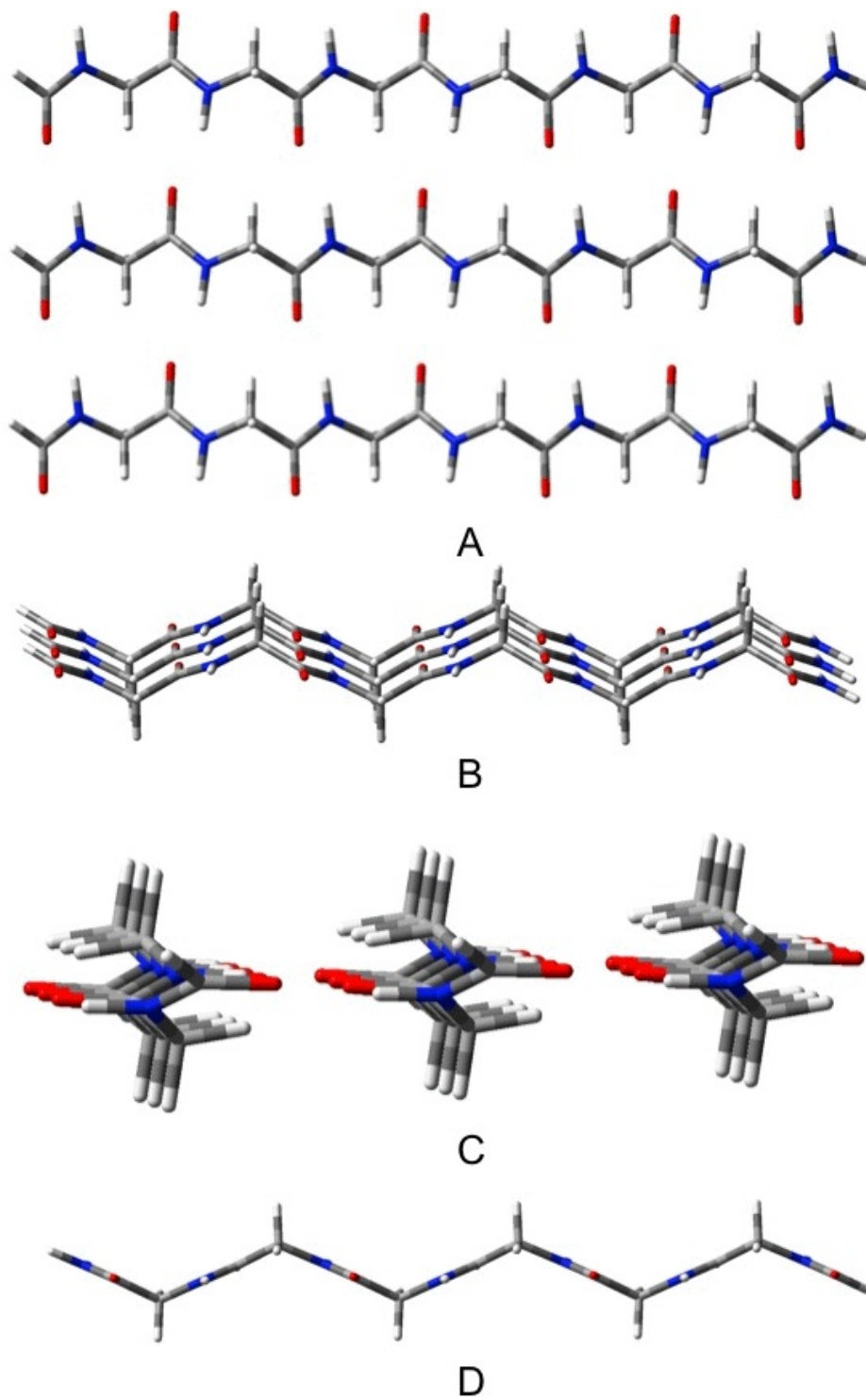


Figure S1. 3 strand parallel beta sheet with strands equivalent.

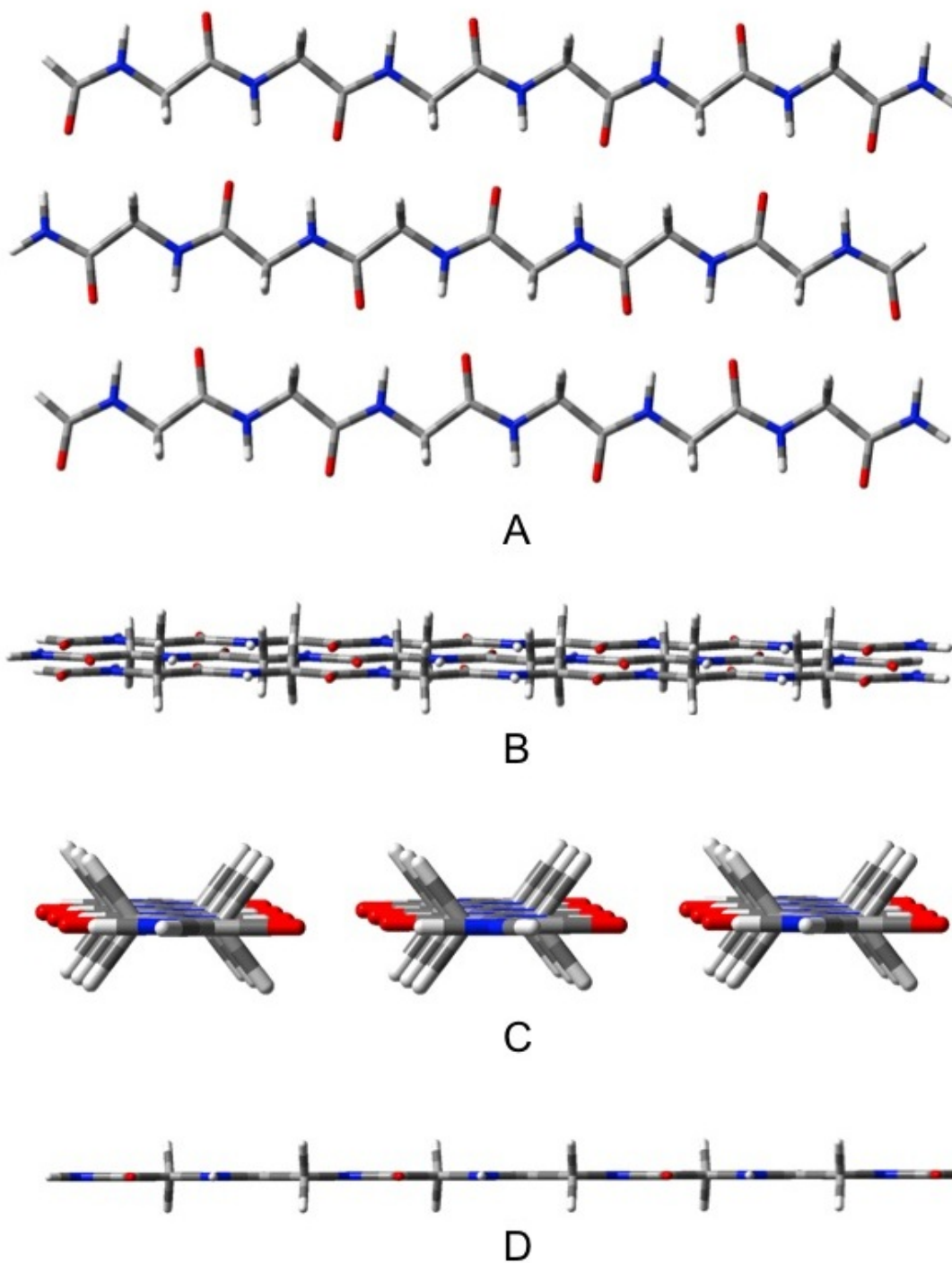
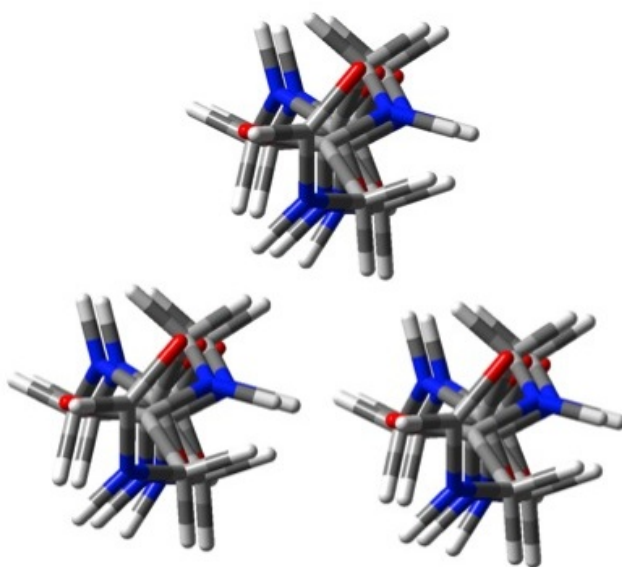


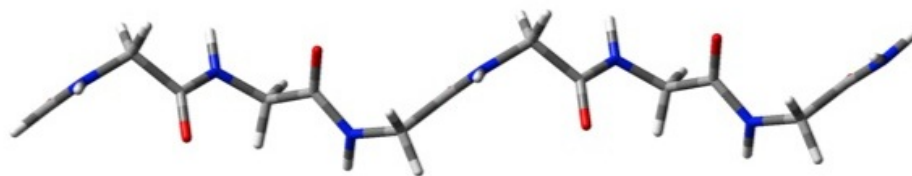
Figure S2. 3 strand anti parallel sheet with strands equivalent.



A



B

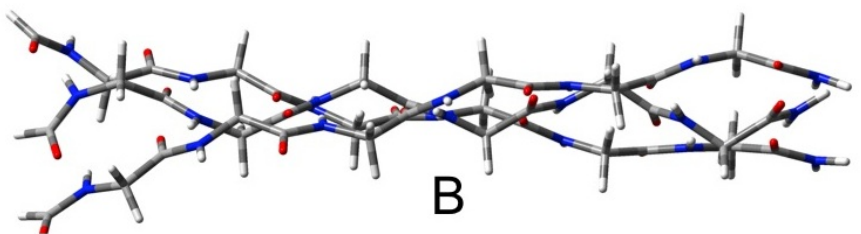


C

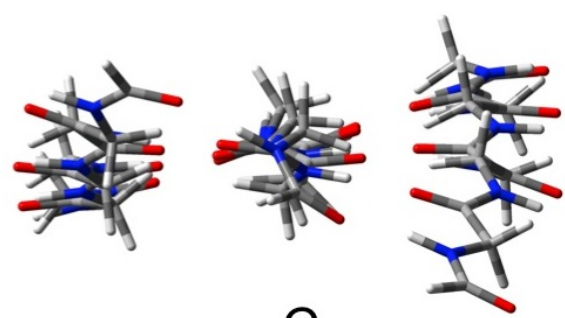
Figure S3. 3 strand polyglycine II



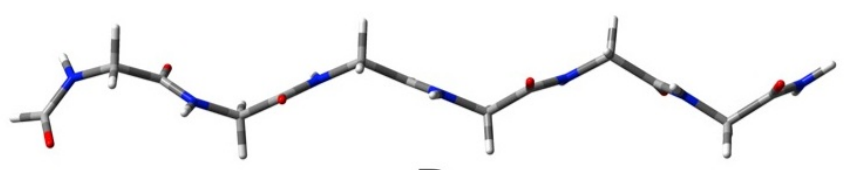
A



B

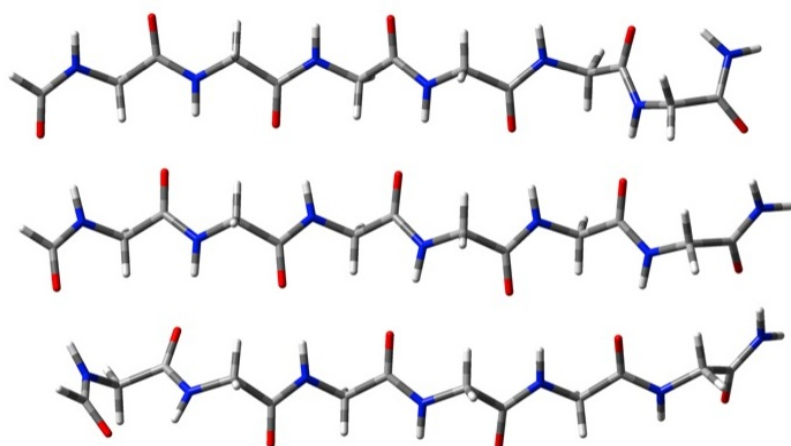


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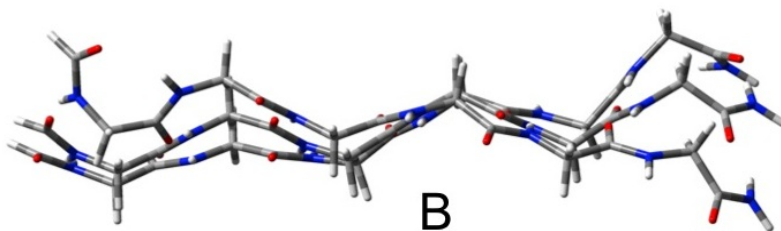


D

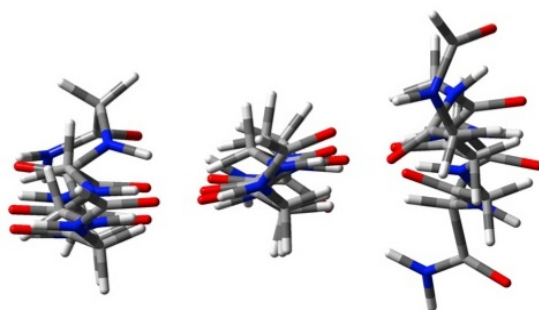
Figure S4. 3 strand anti parallel rippled sheet.



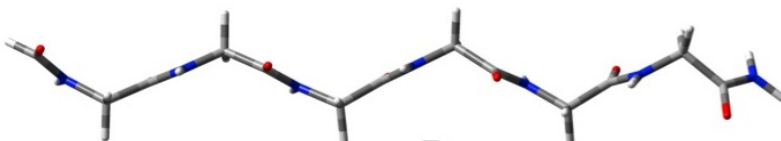
A



B



C



D

Figure S5. 3 strand parallel pleated sheet.

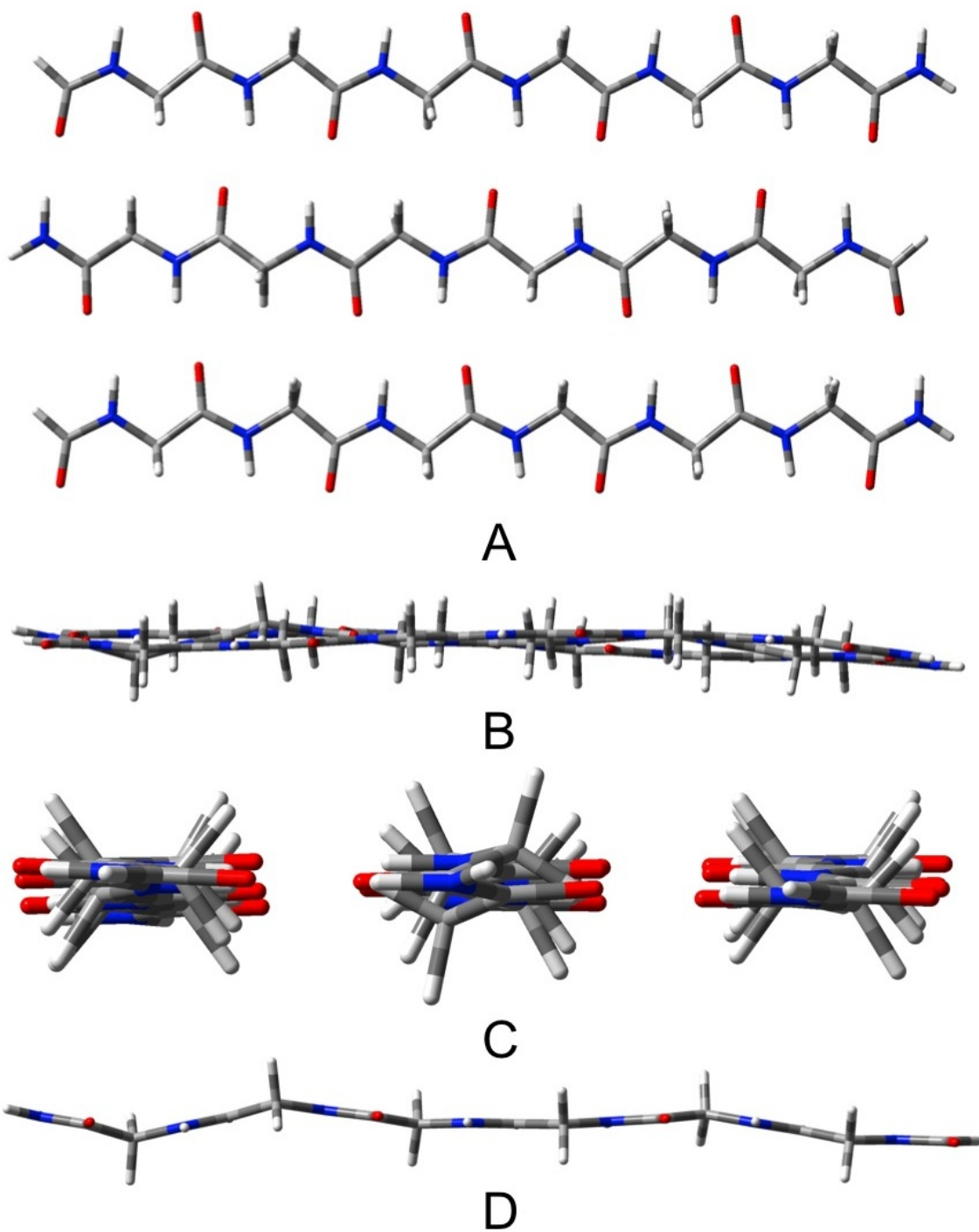


Figure S6. 3 strand anti parallel sheet.

Additional figures of 7 strand structures

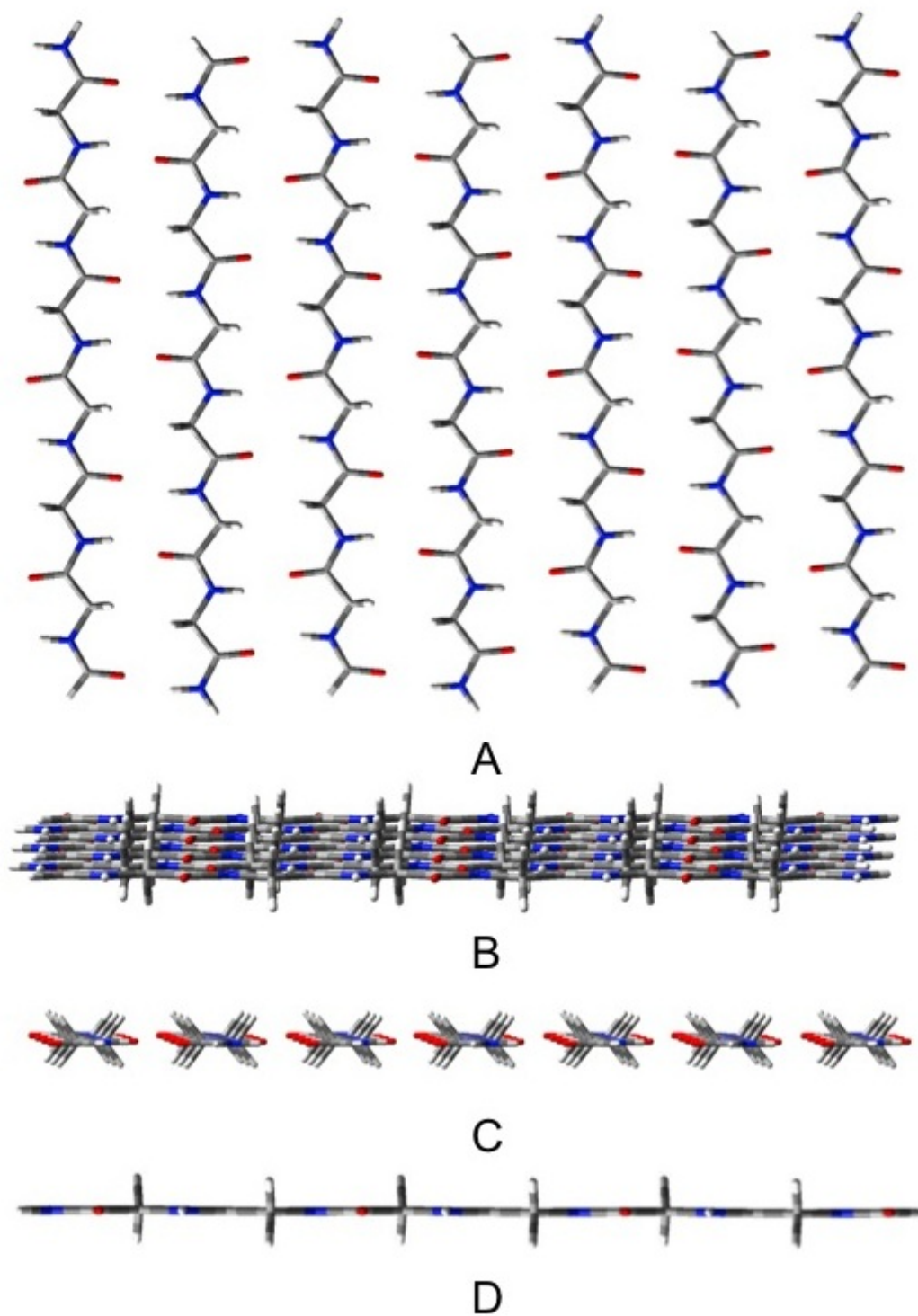
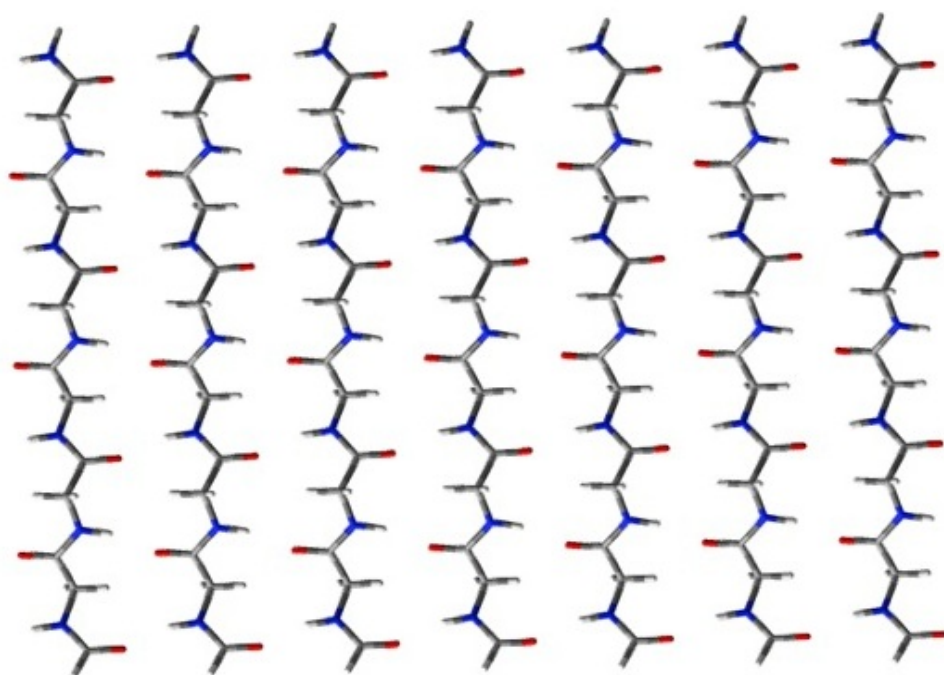
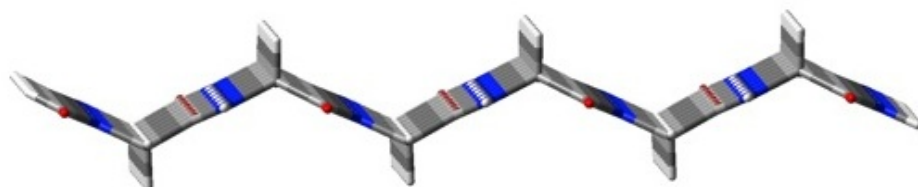


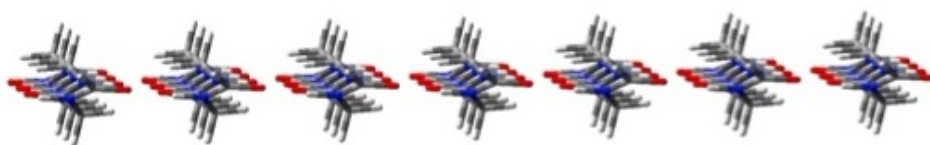
Figure S7. 7 strand anti parallel sheet with strands equivalent



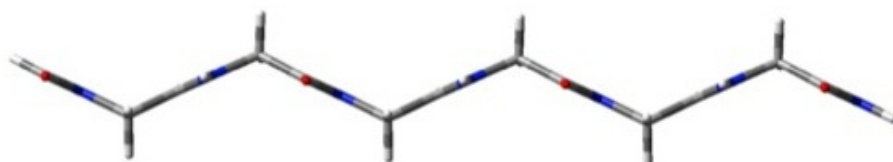
A



B



C



D

Figure S8. 7 strand parallel sheet with strands equivalent.

I - Cartesian Coordinates

7 strand anti parallel rippled sheet

O	-15.99268000	-6.80552300	-0.37479100
C	-14.76313800	-6.92928500	-0.33283400
C	-13.83764000	-5.72019600	-0.20038400
N	-14.12101000	-8.11962300	-0.39815700
N	-14.63916700	-4.51470900	-0.15693900
H	-13.22712800	-5.82267800	0.70385600
H	-13.13617900	-5.70067500	-1.04094200
H	-13.09942500	-8.15845100	-0.35999600
C	-14.87459100	-9.34480800	-0.52446000
H	-15.64575700	-4.65013800	-0.21339200
C	-14.05973300	-3.30239600	-0.04923000
C	-13.93422900	-10.54814100	-0.59463200
H	-15.50680500	-9.32430400	-1.42336500
H	-15.55617500	-9.47583100	0.32854000
C	-15.01275700	-2.10680900	-0.00842100
O	-12.83038400	-3.15868100	0.01577600
O	-12.71304400	-10.45034800	-0.48267900
N	-14.55929100	-11.74376800	-0.78564400
N	-14.24308800	-0.88294500	0.03298600
H	-15.67151300	-2.12698000	-0.88725000
H	-15.66593600	-2.19152800	0.87148900
H	-15.56171800	-11.81717900	-0.88299000
C	-14.84858300	0.32521800	0.04718200
H	-13.22268900	-0.95124000	0.04516800
C	-13.88021300	1.50903800	0.09270300
O	-16.07394000	0.49177700	0.02644700
N	-14.64394100	2.73991700	0.08410100
H	-13.25375300	1.43840900	0.98914000
H	-13.19716400	1.45939400	-0.76174800
C	-14.03010100	3.93817000	0.12287500
H	-15.65493000	2.62833000	0.05120600
C	-14.94839900	5.16131900	0.12397700
O	-12.79612100	4.05101800	0.16183300
N	-14.14815000	6.36427000	0.03810100
H	-15.65323800	5.10108900	-0.71582700
H	-15.55583500	5.15620700	1.04026200
C	-14.72793900	7.58212100	-0.02671700
H	-13.12885500	6.27441100	0.04470700
C	-13.74141800	8.75192100	-0.11930500

O	-15.95037700	7.77300700	-0.01963900
N	-14.49946900	9.98687800	-0.14614100
H	-13.05289900	8.72871700	0.73192800
H	-13.12570900	8.64247500	-1.01919100
C	-13.91223600	11.19504000	-0.16778300
H	-15.51124300	9.87461100	-0.13086200
O	-12.68903300	11.38182900	-0.17618200
O	-11.33151500	-0.19631200	0.03834500
C	-10.10139900	-0.13652100	0.19527300
C	-9.30426100	-1.34840800	0.67893100
N	-9.37320800	0.98662600	0.01991300
N	-9.93110800	-2.58470000	0.24167600
H	-8.27409600	-1.30521000	0.32382400
H	-9.27029300	-1.29580900	1.77799400
H	-8.35172700	0.94007000	0.06764300
C	-9.99545100	2.24071800	-0.36773100
C	-9.20864000	-3.70046800	0.01439200
H	-10.94886100	-2.60816900	0.15817600
O	-6.54972500	0.20490200	0.05538000
C	-9.18815700	3.43449500	0.14600600
H	-11.02115700	2.27472200	0.00169400
H	-10.04375800	2.33294500	-1.46395000
C	-10.00889000	-4.88890100	-0.52113200
O	-7.97903000	-3.77054700	0.16927200
C	-5.31752000	0.16667100	0.21515000
O	-7.95731100	3.36298700	0.29267300
N	-9.90954100	4.55355800	0.36332600
N	-9.35656900	-6.14481700	-0.19216000
H	-11.02579500	-4.88125200	-0.12676900
H	-10.08667600	-4.76077000	-1.61196200
C	-4.56050200	1.36009800	0.79984000
N	-4.55837000	-0.91798500	-0.04389900
H	-10.92746900	4.52600100	0.28016200
C	-9.28723200	5.80017100	0.77663200
C	-10.05534000	-7.29308000	-0.08907400
H	-8.33402500	-6.16748900	-0.13369600
N	-5.13590300	2.61473200	0.34475700
H	-4.63170500	1.27544800	1.89509800
H	-3.50298100	1.32749300	0.53571000
H	-3.53873600	-0.84396100	0.01588400
C	-5.13954400	-2.15816200	-0.53009800
C	-10.02393200	6.99990400	0.17796300
H	-8.23529200	5.80062000	0.49039200

H	-9.32978800	5.91160400	1.87096800
C	-9.23619000	-8.51455300	0.32736000
O	-11.28357400	-7.37381200	-0.26223900
C	-4.36795800	3.69327700	0.08527700
H	-6.15414900	2.69755400	0.29701700
C	-4.38873400	-3.37108400	0.02290500
H	-5.07058500	-2.21554600	-1.62731200
H	-6.19669700	-2.19289400	-0.26540200
O	-11.25168600	6.97338000	-0.00472100
N	-9.24830100	8.07713900	-0.06849400
N	-9.87703500	-9.73405700	-0.13158100
H	-8.21907800	-8.45172500	-0.06175400
H	-9.16126500	-8.50036400	1.42553800
C	-5.11876000	4.90353000	-0.47125900
O	-3.13405200	3.71344100	0.22416000
O	-3.15656200	-3.34680500	0.17483200
N	-5.15788200	-4.45345800	0.26424400
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C	-9.80764300	9.31753000	-0.57230400
C	-9.18403500	-10.85073000	-0.41424500
H	-10.89256400	-9.75180000	-0.22548900
N	-4.51630800	6.14502600	-0.01540700
H	-5.07188700	4.82892100	-1.56862300
H	-6.17090700	4.88165000	-0.18594400
H	-6.17500700	-4.37184800	0.19854000
C	-4.59230200	-5.71436500	0.71404600
C	-9.07837200	10.53790600	-0.00227700
H	-10.87224600	9.35432200	-0.33957000
H	-9.71032300	9.37558700	-1.66756200
O	-7.95450000	-10.97490700	-0.32889800
C	-5.26078300	7.23978700	0.23697900
H	-3.49505400	6.20969800	0.03238000
C	-5.30118300	-6.90058100	0.05579200
H	-4.72341700	-5.83080300	1.80066300
H	-3.52182100	-5.72583200	0.50717300
O	-7.86983900	10.51057900	0.26301400
N	-9.84846400	11.64174900	0.12197000
C	-4.48818500	8.43817700	0.78933500
O	-6.49530400	7.28293900	0.09620700
O	-6.52793300	-6.88166900	-0.14653700
N	-4.50664200	-7.95493300	-0.21988600
H	-10.86130800	11.61393700	-0.00634300
N	-5.11932100	9.68702900	0.40228700

H	-4.47622500	8.33163500	1.88515100
H	-3.45138500	8.42807600	0.45082200
H	-3.49317300	-7.86075300	-0.10364200
C	-5.02974700	-9.19010800	-0.77525800
H	-6.14048000	9.75071400	0.37415300
C	-4.41148100	10.79340000	0.11582900
C	-4.36034900	-10.41727100	-0.14642600
H	-4.83118900	-9.24375900	-1.85649900
H	-6.11107600	-9.21936200	-0.63762100
O	-3.17464800	10.88354000	0.12799800
O	-3.15865000	-10.42386600	0.15027800
N	-5.17135400	-11.48967200	-0.00852300
H	-6.18149500	-11.41915700	-0.14480900
H	-4.76898600	-12.33663500	0.37142800
H	-9.40581000	12.48947900	0.45193700
H	-13.99750600	-12.58331700	-0.82765800
H	-14.62966100	12.03437700	-0.17791400
H	-9.83068900	-11.68090600	-0.74649800
H	-5.05434300	11.65069900	-0.14579900
O	-1.75599200	-0.16235400	0.04277000
C	-0.51973200	-0.13725800	0.17303200
C	0.23647600	-1.34170000	0.73484400
N	0.24541700	0.93766200	-0.10260900
N	-0.34719900	-2.58601700	0.26135400
H	1.29275400	-1.30958600	0.46576100
H	0.17020200	-1.27527300	1.83160500
H	1.26494200	0.85534200	-0.05555400
C	-0.33048600	2.18949700	-0.56569700
C	0.41363700	-3.66567900	-0.01019600
H	-1.36615800	-2.66129100	0.20797900
O	3.05214700	0.17954300	-0.05039500
C	0.42745800	3.38480900	0.01528800
H	-1.38818500	2.22160900	-0.30316300
H	-0.25518900	2.26774200	-1.66101500
C	-0.34213700	-4.86582300	-0.58191100
O	1.64734700	-3.69616600	0.13132300
C	4.29030300	0.15040200	0.05385000
O	1.66230900	3.35457200	0.14633200
N	-0.33615600	4.45726700	0.30745400
N	0.23957400	-6.11340700	-0.11540500
H	-1.39900400	-4.83450300	-0.31579700
H	-0.27205100	-4.79212700	-1.67797000
C	5.06737200	1.35518700	0.58598000

N	5.04426600	-0.93276500	-0.22530400
H	-1.35481500	4.37755400	0.25410200
C	0.23947900	5.69985100	0.79467100
C	-0.52197700	-7.19026800	0.15845100
H	1.25949800	-6.19214800	-0.06327900
N	4.46743500	2.60171300	0.14075100
H	5.04952400	1.28497600	1.68456500
H	6.11142900	1.32031900	0.27313400
H	6.06442300	-0.85713200	-0.19811100
C	4.45264900	-2.18616500	-0.66196100
C	-0.49516500	6.90769500	0.20973700
H	1.30297100	5.72597200	0.55590200
H	0.14099700	5.76827200	1.88879700
C	0.23362700	-8.39394800	0.72277600
O	-1.75797600	-7.21538600	0.02577700
C	5.21765300	3.69225800	-0.12277000
H	3.44699100	2.67441700	0.11639500
C	5.20495300	-3.38232100	-0.07455200
H	4.51201400	-2.28122000	-1.75701900
H	3.39796900	-2.20526800	-0.38612600
O	-1.72820900	6.88971300	0.05073700
N	0.28357900	7.97567500	-0.05391200
N	-0.40735900	-9.63728200	0.33341400
H	1.27373100	-8.39620600	0.39438900
H	0.23518600	-8.28373100	1.81828100
C	4.44373300	4.89779100	-0.65953300
O	6.45327100	3.72736400	-0.00249500
O	6.43853000	-3.35541800	0.06810700
N	4.43602000	-4.45518200	0.20636200
H	1.30049900	7.88369900	0.02508200
C	-0.26641200	9.22839800	-0.54078100
C	0.29043000	-10.75388800	0.06385400
H	-1.42911200	-9.68758100	0.28882900
N	5.03881200	6.14233800	-0.20320000
H	4.47713400	4.83261300	-1.75783700
H	3.39634400	4.86349500	-0.35857400
H	3.41754500	-4.37019700	0.15322500
C	5.00428100	-5.69927000	0.69728400
C	0.41105300	10.43238500	0.12298900
H	-1.34394000	9.24003800	-0.37289400
H	-0.09652600	9.33001300	-1.62337100
O	1.52580500	-10.86031000	0.09567600
C	4.28548300	7.20732800	0.13538500

H	6.05912100	6.22828100	-0.20412200
C	4.25372200	-6.90643100	0.13110500
H	4.91942100	-5.75885400	1.79322300
H	6.06467000	-5.73912600	0.44713600
O	1.62298300	10.43874300	0.37716700
N	-0.40645600	11.48606000	0.34048000
C	5.06525200	8.40184300	0.68515100
O	3.04418100	7.22635800	0.07013900
O	3.02124900	-6.87745000	-0.02716800
N	5.01996800	-7.98785800	-0.11626800
H	-1.42115000	11.40349900	0.24418600
N	4.38082600	9.64854300	0.39472600
H	5.15668500	8.25001600	1.77193600
H	6.07655500	8.43007100	0.27721700
H	6.03710600	-7.90934900	-0.03572600
C	4.45594300	-9.24362800	-0.57814500
H	3.35753800	9.68056400	0.40449000
C	5.04313800	10.79387700	0.15449600
C	5.11682100	-10.44193200	0.11276400
H	4.62699400	-9.37022900	-1.65790600
H	3.37789800	-9.23849700	-0.41306900
O	6.27613700	10.92413400	0.13313200
O	6.32656600	-10.45560600	0.37664800
N	4.28642400	-11.48322300	0.34231400
H	3.27339800	-11.39165400	0.23662300
H	4.67912700	-12.31084800	0.77173000
H	-0.00146400	12.31720600	0.75140600
H	-0.35939100	-11.60421100	-0.20346300
H	4.36431100	11.64263500	-0.03378700
O	7.87395600	-0.22839500	-0.22676300
C	9.10984000	-0.16135600	-0.11646800
C	9.92676900	-1.35720700	0.37446600
N	9.82436200	0.95615400	-0.35730300
N	9.27747000	-2.60705500	0.01869900
H	10.93832800	-1.33349300	-0.03350400
H	10.01840700	-1.25845200	1.46737800
H	10.84497000	0.93162200	-0.31114400
C	9.18248900	2.19755700	-0.75622600
C	9.98596300	-3.74257400	-0.16013500
H	8.25509500	-2.63883700	-0.00164600
O	12.74353100	0.38503200	-0.25504800
C	9.99459600	3.40427800	-0.28428700
H	8.16531700	2.23406600	-0.36526100

H	9.11130100	2.26432700	-1.85274400
C	9.16229800	-4.94944800	-0.61170000
O	11.21777200	-3.81617800	-0.03112200
C	13.97648700	0.25079300	-0.25807800
O	11.22789200	3.34135100	-0.16514100
N	9.27251900	4.52619000	-0.07714900
N	9.77900300	-6.18849400	-0.16973400
H	8.14005200	-4.88732000	-0.23751200
H	9.10921500	-4.91049800	-1.71064300
C	14.91826900	1.45597000	-0.30317500
N	14.57208700	-0.95728200	-0.22236200
H	8.25080000	4.47870100	-0.08864500
C	9.90474600	5.77876700	0.29996000
C	9.04463600	-7.28114200	0.11809700
H	10.79910200	-6.23378200	-0.12359600
N	14.14014900	2.67471900	-0.29367000
H	15.60391000	1.42003000	0.55456700
H	15.54517700	1.39612200	-1.20384700
H	15.58185900	-1.08355300	-0.22603100
C	13.79128100	-2.17616000	-0.17801600
C	9.06931400	6.97270800	-0.16512700
H	10.91409500	5.82607600	-0.11023700
H	9.99811400	5.85836000	1.39424300
C	9.84480400	-8.47476600	0.64025000
O	7.80711200	-7.32574800	0.01989200
C	14.73544100	3.88910300	-0.31646000
H	13.12121700	2.59846800	-0.26133100
C	14.74242000	-3.37545200	-0.15046100
H	13.12779200	-2.25223400	-1.04677500
H	13.14239500	-2.20045100	0.70381500
O	7.83272400	6.89081700	-0.26559600
N	9.76948200	8.10107400	-0.39359900
N	9.09735700	-9.70833700	0.48488700
H	10.80414300	-8.54433000	0.12439500
H	10.07068600	-8.28020400	1.70016900
C	13.75419900	5.06247000	-0.30392100
O	15.95905800	4.06440900	-0.34576800
O	15.97022800	-3.22919000	-0.17455100
N	14.11581000	-4.57153500	-0.09811900
H	10.79160700	8.08198100	-0.34953300
C	9.11852500	9.34659000	-0.76061800
C	9.69971000	-10.91053700	0.48409800
H	8.07552000	-9.67988700	0.42674600

N	14.49568600	6.30588200	-0.31303400
H	13.08888700	4.99351000	-1.17217000
H	13.10960100	4.99128100	0.57863900
H	13.09445500	-4.61944000	-0.08310200
C	14.85443700	-5.81528300	-0.06786300
C	9.85533000	10.55248000	-0.16765000
H	8.07729900	9.32713600	-0.43707200
H	9.11999000	9.47972900	-1.85326200
O	10.92155400	-11.10093500	0.58590500
C	13.85569100	7.49325900	-0.32157500
H	15.50888700	6.21838800	-0.31909400
C	13.86517600	-6.97951000	0.02189300
H	15.54368700	-5.84341700	0.78672700
H	15.47135400	-5.93073400	-0.97019900
O	11.08319400	10.56056900	-0.02880200
N	9.05360800	11.60401400	0.12216600
C	14.74521600	8.73338300	-0.35349300
O	12.61734000	7.56992900	-0.31397400
O	12.64029700	-6.79219700	-0.03316800
N	14.39978000	-8.20722300	0.15929400
H	8.03602500	11.51347700	0.11991500
N	13.94270300	9.92513000	-0.19577100
H	15.50449600	8.66966800	0.43772800
H	15.29800800	8.75096500	-1.30482100
H	15.40091900	-8.38372200	0.21303800
C	13.55674200	-9.38129600	0.25202300
H	12.92520800	9.84977100	-0.16640100
C	14.52637900	11.14636500	-0.11651600
C	14.43950500	-10.61611900	0.45642000
H	12.95732100	-9.51170300	-0.65696500
H	12.84901400	-9.29662200	1.08283800
O	15.73970700	11.35093000	-0.16310900
O	15.66997200	-10.52803900	0.47067300
N	13.73701800	-11.76503500	0.60651200
H	12.71645200	-11.75499400	0.61862700
H	14.25086000	-12.62241900	0.75432600
H	9.49009400	12.43918300	0.48979400
H	8.98476300	-11.74307800	0.37544500
H	13.78233500	11.95675900	-0.00110500

7 strand anti parallel pleated sheet

C	0.09072700	-5.68006300	0.60946300
N	-0.39872600	-4.43002200	0.05139900
H	-1.40173600	-4.33255800	-0.13030000
C	0.41781300	-3.38158600	-0.17676900
O	1.63244200	-3.37661800	0.08418800
C	-0.24502000	-2.17423000	-0.84498700
N	0.28053100	-0.93111800	-0.30492200
H	1.29496300	-0.83490700	-0.19689400
C	-0.53208100	-6.87893500	-0.10835400
O	-1.73102400	-6.87132300	-0.43868100
N	0.29602200	-7.92498600	-0.30063200
H	1.28883300	-7.82618000	-0.06486500
C	-0.16333200	-9.16728400	-0.89806700
C	0.38635200	-10.38509500	-0.14758600
O	1.56202700	-10.43121500	0.24081200
N	-0.49186700	-11.40078700	-0.00063900
H	-1.47926600	-11.29549700	-0.24723200
H	1.17900600	-5.70153000	0.55096600
H	-1.32794700	-2.19358600	-0.72217300
H	-1.25337000	-9.17469200	-0.91628200
C	0.19743300	1.30115300	0.64992500
N	-0.35687400	2.55648600	0.16976500
H	-1.37463700	2.65467300	0.11906000
C	0.42520800	3.60846000	-0.14687400
O	1.66304600	3.61119600	-0.04057400
C	-0.31693500	4.82155900	-0.71405500
N	0.27073400	6.06143800	-0.23381700
H	1.29074100	6.15847500	-0.25287300
C	-0.48187200	7.10053500	0.17796600
O	-1.72553100	7.10729300	0.16830800
C	-0.51697900	0.10859500	0.01014400
O	-1.74984000	0.11663700	-0.15286100
H	1.26891100	1.27849800	0.45026800
H	-1.37565700	4.79793300	-0.45591500
C	0.30453200	8.29345400	0.72827000
H	1.33600400	8.28501500	0.37488300
H	-1.34232000	9.64473400	0.43757900
C	0.37154300	10.60984500	-0.08615700
O	1.60338100	10.66452000	-0.22319200
N	-0.32566700	9.54805300	0.35442300
H	0.32316400	8.18241900	1.82307600

H	-0.23538500	4.75862200	-1.80961900
H	0.05541900	1.20945400	1.73737100
H	-0.19135300	-5.76472000	1.66980900
H	-0.02581400	-2.24748900	-1.92077000
H	0.19342900	-9.25056200	-1.93572000
C	-5.02265700	2.06658200	0.91521200
C	-4.34971700	3.31929300	0.34857100
O	-3.14266600	3.31719000	0.05620000
N	-5.14660700	4.40326100	0.24549700
H	-6.14756700	4.31257100	0.43640600
C	-4.63773200	5.68584400	-0.21303700
C	-5.25352900	6.83863100	0.58156100
O	-6.45304200	6.82063000	0.90972700
N	-4.41734600	7.86585400	0.83714000
H	-3.42330300	7.77291100	0.60392400
N	-4.51164300	0.86732800	0.27196000
H	-3.50049900	0.78176700	0.12849900
C	-5.31569800	-0.15788800	-0.07775700
O	-6.54089100	-0.18453900	0.13189300
C	-4.61982400	-1.29753600	-0.82483100
N	-5.16120100	-2.58871400	-0.43232200
H	-6.17552500	-2.68852300	-0.34256400
H	-6.10572500	2.10872300	0.79865000
H	-3.54999200	5.69060800	-0.14147700
H	-3.54352200	-1.28840100	-0.65163900
C	-5.08668600	-4.92927800	0.23026400
C	-4.37005500	-3.66741600	-0.25730900
O	-3.13927500	-3.65807400	-0.42531400
N	-4.50541800	-6.12255400	-0.36244100
H	-3.48460600	-6.21393000	-0.37938200
C	-5.26332900	-7.13942200	-0.81964500
O	-6.50550500	-7.16005100	-0.76733700
C	-4.48797800	-8.28257000	-1.48023200
N	-5.10219000	-9.56557700	-1.18404400
H	-6.11986900	-9.66143900	-1.24356600
C	-4.38861200	-10.65093900	-0.83599900
O	-3.15364900	-10.70612700	-0.73342600
H	-6.15252300	-4.89323800	0.00520500
H	-3.44669200	-8.29468200	-1.15698000
C	-4.86670900	9.06928600	1.51565300
H	-5.95548300	9.11479600	1.48580900
C	-4.24470600	10.32597000	0.89814200
H	-6.06907400	11.31271400	1.04357100

O	-3.05985500	10.35507200	0.53935300
N	-5.07145900	11.39279800	0.83558200
H	-4.56190200	9.05491200	2.57322100
H	-4.50177300	-8.08928900	-2.56357300
H	-4.78783300	-1.11936600	-1.89793300
H	-4.97691000	-4.95152900	1.32508200
H	-4.80398600	2.04922700	1.99371800
H	-4.90435500	5.85223000	-1.26792400
C	-13.77649000	5.70951700	0.95462300
N	-14.59147600	4.52412200	0.78616200
H	-15.59780100	4.67168800	0.79877300
C	-14.02153300	3.31284500	0.62863100
O	-12.79213600	3.15615900	0.62036600
C	-14.98280100	2.13525400	0.45968800
N	-14.22147400	0.92424400	0.24553600
H	-13.20034000	0.98612900	0.24466700
C	-14.68894800	6.92309000	1.12667700
O	-15.92086200	6.81777700	1.11604900
N	-14.03240900	8.09651800	1.28792300
H	-13.00951700	8.12169800	1.27896000
C	-14.77266800	9.32429100	1.45863100
C	-13.81892400	10.50553200	1.63760400
O	-12.59488900	10.38252500	1.64141300
N	-14.43452300	11.71120500	1.79219600
H	-15.43993200	11.80569300	1.79281800
H	-13.11883900	5.61659400	1.82601900
H	-15.65961600	2.32837700	-0.38380500
H	-15.42240300	9.51525400	0.59240400
C	-13.87313400	-1.43426600	-0.16740400
N	-14.64293000	-2.64379900	-0.37552600
H	-15.65397800	-2.52879200	-0.36547100
C	-14.03213200	-3.83110200	-0.55239600
O	-12.79799000	-3.94867500	-0.55038700
C	-14.95191400	-5.03616300	-0.75598700
N	-14.15073800	-6.21631100	-1.00148100
H	-13.13148100	-6.12507700	-0.99262800
C	-14.72898000	-7.41705200	-1.21951600
O	-15.95104500	-7.60988900	-1.23038100
C	-14.83488200	-0.26279100	0.04173200
O	-16.06145200	-0.41987900	0.02073900
H	-13.21421700	-1.53062500	0.70256000
H	-15.63411600	-4.84387900	-1.59513600
C	-13.74079800	-8.56327400	-1.46461400

H	-13.04591800	-8.64348800	-0.62218300
H	-15.50777700	-9.68252400	-1.60586900
C	-13.90496500	-10.98334600	-1.80455100
O	-12.68118400	-11.16400000	-1.83725800
N	-14.49571600	-9.78820100	-1.63851000
H	-13.13174100	-8.34147600	-2.34821600
H	-15.58346000	-5.16811900	0.13367900
H	-13.22068900	-1.22639400	-1.02222500
H	-13.11878300	5.86549000	0.09300700
H	-15.61661700	2.04986900	1.35351400
H	-15.43592900	9.26237600	2.33315800
C	13.78585100	2.08870400	-0.44843000
C	14.73505100	3.27031300	-0.66079600
O	15.96323800	3.12990000	-0.62519100
N	14.10585900	4.44490100	-0.88631100
H	13.08410200	4.49274100	-0.88343600
C	14.84295400	5.67005700	-1.10758300
C	13.85259400	6.82624200	-1.26254600
O	12.62747900	6.63292300	-1.25398600
N	14.38526200	8.05385100	-1.40638500
H	15.38650000	8.23704900	-1.41935100
N	14.56592300	0.89698800	-0.18472200
H	15.57552800	1.02386100	-0.17931300
C	13.96640200	-0.29147400	0.02218600
O	12.73379600	-0.42599200	-0.00488100
C	14.89743300	-1.47412500	0.29695300
N	14.10583400	-2.65890900	0.54383300
H	13.08748500	-2.57962900	0.49481500
H	13.15584800	1.95910600	-1.33582500
H	15.52566800	5.87456500	-0.27191300
H	15.54090300	-1.24472700	1.15731800
C	13.68875000	-4.98100300	1.07169100
C	14.68562200	-3.84320700	0.84651500
O	15.90615700	-4.01811800	0.93756600
N	14.40905000	-6.19543400	1.39249500
H	15.42154700	-6.11415900	1.44092800
C	13.74997500	-7.35743300	1.57862000
O	12.51423000	-7.42849200	1.49364000
C	14.61143800	-8.57781700	1.89212200
N	13.77094800	-9.71931100	2.17516100
H	12.75758000	-9.63837300	2.08051900
C	14.31626000	-10.90409300	2.54580200
O	15.52281600	-11.11359300	2.67465900

H	13.07539200	-5.11412900	0.1736480
H	15.26979100	-8.35913500	2.74408200
C	13.53754600	9.21888100	-1.55336900
H	12.89939900	9.13492400	-2.44092700
C	14.41712700	10.46644000	-1.67532800
H	12.69110100	11.60960600	-1.72280200
O	15.64804500	10.38457500	-1.68218300
N	13.71033100	11.61842800	-1.77478500
C	9.71792700	-5.59310300	1.40428800
N	9.19118700	-4.44320000	0.68813800
H	8.18575900	-4.40341100	0.50029400
C	9.97258500	-3.39530700	0.34878000
O	11.18008200	-3.31101300	0.62144100
C	9.27195800	-2.31369000	-0.47740100
N	9.85355800	-1.00634000	-0.22223600
H	10.86742500	-0.94178100	-0.11270900
C	8.98725900	-6.87321600	0.99319000
O	7.78546200	-6.84908100	0.67436700
N	9.72656600	-7.99750200	1.05626400
H	10.72555000	-7.93613600	1.26841200
C	9.15913100	-9.30371200	0.7730100
C	9.72571500	-10.37698600	1.7091140
O	10.89662700	-10.34793200	2.10360300
N	8.85189100	-11.36842500	2.00413600
H	7.86526000	-11.30110100	1.74721500
H	10.79073100	-5.67825000	1.22802100
H	8.20234400	-2.28781600	-0.26989200
H	8.07302100	-9.25401100	0.85011700
C	9.86628800	1.38492300	0.20479800
N	9.24733900	2.55212900	-0.40028700
H	8.22631300	2.58781500	-0.46436900
C	9.97618400	3.62270100	-0.78486200
O	11.20644200	3.70840800	-0.64833200
C	9.17675000	4.72624800	-1.48184300
N	9.77133200	6.03093100	-1.24453100
H	10.79060300	6.10503100	-1.23568700
C	9.02063900	7.13679100	-1.07007100
O	7.77862400	7.14522300	-1.11013100
C	9.10091200	0.11020000	-0.15713800
O	7.86996500	0.12888300	-0.32754800
H	10.90957000	1.31966200	-0.10666800
H	8.13773700	4.72879900	-1.15265900
C	9.81115300	8.40900200	-0.7570210

H	10.78367400	8.39032600	-1.25079500
H	8.04848700	9.58223100	-1.14373900
C	9.68427300	10.74360600	-1.49192300
O	10.91084100	10.92853500	-1.51490800
N	9.07298000	9.59208900	-1.15997100
H	10.00265300	8.41355200	0.32754400
H	12.86500800	9.33113300	-0.69677600
H	15.27577000	-8.77775700	1.03820900
H	15.56775500	-1.61892000	-0.56200800
H	12.99482000	-4.70710400	1.87376500
H	13.10369600	2.30817700	0.37934300
H	15.46661800	5.59972700	-2.00986600
H	9.17886100	4.48975800	-2.55688900
H	9.85939000	1.46180100	1.30325500
H	9.57470700	-5.47776100	2.48992300
H	9.39430100	-2.59113700	-1.53545900
H	9.40400600	-9.61857000	-0.25291000
C	4.56785400	2.15295600	0.41855400
C	5.22017700	3.30956200	-0.34243200
O	6.42916000	3.28505000	-0.62727900
N	4.40012100	4.34518200	-0.61775800
H	3.40010100	4.26068200	-0.41356200
C	4.87736900	5.55772700	-1.26239900
C	4.24413300	6.79766700	-0.62755300
O	3.04901600	6.79887200	-0.28551200
N	5.05848600	7.86687400	-0.51957100
H	6.04975900	7.76847400	-0.75699400
N	5.08468700	0.87089100	-0.03175400
H	6.09548600	0.76629700	-0.15775000
C	4.28012900	-0.19493400	-0.21946500
O	3.05348000	-0.18224100	-0.01733400
C	4.97322200	-1.44709500	-0.76213200
N	4.41705800	-2.64837300	-0.16139400
H	3.39940800	-2.72885300	-0.08103500
H	3.48346900	2.16415300	0.30798500
H	5.96556400	5.59403600	-1.20812200
H	6.04850800	-1.41628800	-0.58461400
C	4.44674400	-4.81982400	0.93013800
C	5.19350500	-3.68025700	0.23198100
O	6.42780900	-3.71134100	0.09787800
N	5.00773300	-6.11359900	0.57671700
H	6.02585700	-6.22766700	0.59206600
C	4.22744500	-7.17752000	0.30140100

O	2.98431100	-7.15336800	0.33087500
C	4.97606300	-8.44610100	-0.11750100
N	4.30841000	-9.63523700	0.38319400
H	3.29166300	-9.72071500	0.28860200
C	4.96826500	-10.65435300	0.96325800
O	6.19371700	-10.72027700	1.14079700
H	3.38456900	-4.80761000	0.68598600
H	6.00778500	-8.43145700	0.23538100
C	4.58592500	9.13963200	-0.00180200
H	3.49583200	9.14186000	0.00482900
C	5.13589900	10.31538700	-0.81599500
H	3.27044400	11.22959700	-0.75864400
O	6.31122400	10.34148700	-1.20735700
N	4.25697100	11.32216200	-1.01367700
H	4.92966400	9.28663500	1.03330200
H	4.99894000	-8.45141300	-1.21783000
H	4.81424900	-1.45060400	-1.85118300
H	4.54493300	-4.64274800	2.01187600
H	4.79850300	2.30702800	1.48359300
H	4.59505200	5.56653500	-2.32610900
H	-13.86240400	12.53427300	1.92434800
H	-4.69594200	12.25812700	0.46975900
H	-0.27777100	11.46842800	-0.32729400
H	4.58054600	12.13869000	-1.51580700
H	8.96828800	11.53928600	-1.75756700
H	14.22096600	12.48728900	-1.84731800
H	13.54707600	-11.67846800	2.72540600
H	9.17877800	-12.12616800	2.58892300
H	4.29054200	-11.46424900	1.28234900
H	-0.16679200	-12.24255400	0.45700400
H	-5.02720400	-11.52888400	-0.64017800
H	-14.61987800	-11.81784900	-1.91308900
C	-9.32724000	-5.78415900	-0.11516300
N	-9.92610300	-4.48462800	-0.36922900
H	-10.94129200	-4.43005700	-0.46962100
C	-9.18524000	-3.35880000	-0.41864200
O	-7.95723100	-3.32895200	-0.23686900
C	-9.95965500	-2.08949300	-0.77973500
N	-9.35327300	-0.92079500	-0.16494300
H	-8.33295600	-0.88343500	-0.08325500
C	-10.03444600	-6.87813600	-0.91608400
O	-11.25339600	-6.82133500	-1.14520600
N	-9.24625700	-7.91029600	-1.28718200

H	-8.23442800	-7.85126500	-1.13684200
C	-9.78719200	-9.06445400	-1.98231100
C	-9.06403500	-10.35228800	-1.57869800
O	-7.85144300	-10.36533100	-1.32996300
N	-9.84124100	-11.45751200	-1.57769600
H	-10.85473300	-11.40973900	-1.69527400
H	-8.26291500	-5.75206600	-0.34718200
H	-11.00420200	-2.16525700	-0.47512300
H	-10.85695200	-9.13585300	-1.78324800
C	-9.30473900	1.24747100	0.92452500
N	-9.90619900	2.55006900	0.69109300
H	-10.92444100	2.61111500	0.63961200
C	-9.15931000	3.66876700	0.59463600
O	-7.92306100	3.68843400	0.70907000
C	-9.94128700	4.94344700	0.26979500
N	-9.27986900	6.11246100	0.82559000
H	-8.25548500	6.13303900	0.84700300
C	-9.97364500	7.20534900	1.20294800
O	-11.20791800	7.31242700	1.10325800
C	-10.09053000	0.14602600	0.21103100
O	-11.31934100	0.23018600	0.05479100
H	-8.26250600	1.25768800	0.60524200
H	-10.96284800	4.88324300	0.64659300
C	-9.13727100	8.31483700	1.84237800
H	-8.11947300	8.31477800	1.45119000
H	-10.77211700	9.67825900	1.61798100
C	-9.03847700	10.73080200	1.41640800
O	-7.80170000	10.80393900	1.400401
N	-9.75430300	9.61104600	1.62102100
H	-9.07317700	8.09112800	2.91823700
H	-10.00318400	5.01250100	-0.82733500
H	-9.31346100	1.00211300	1.99763000
H	-9.42290600	-6.05521000	0.94747600
H	-9.94599100	-2.00723200	-1.87768200
H	-9.66307700	-8.96192800	-3.07164800
H	-9.67507900	11.61761000	1.25449400
H	-9.40001500	-12.34303000	-1.36622200

7 strand anti parallel sheet constrained to Cs symmetry

C	5.84754600	-9.97865600	0.00000000
N	4.61583100	-9.21527200	0.00000000
H	4.66951500	-8.19394400	0.00000000
C	3.42410000	-9.84305400	0.00000000
O	3.30133700	-11.07821700	0.00000000
C	2.21024100	-8.91587500	0.00000000
N	0.98391900	-9.68832700	0.00000000
H	1.04691400	-10.70865900	0.00000000
C	7.05451800	-9.04364600	0.00000000
O	6.92518700	-7.80811000	0.00000000
N	8.25379000	-9.65639600	0.00000000
H	8.32195600	-10.67698700	0.00000000
C	9.46675400	-8.86642800	0.00000000
C	10.70985700	-9.75662500	0.00000000
O	10.64027500	-10.98970600	0.00000000
N	11.86947000	-9.05710900	0.00000000
H	11.87161000	-8.03597800	0.00000000
H	5.90456600	-10.63859100	0.87298600
H	2.26120700	-8.25633300	-0.87386000
H	9.50594200	-8.20674400	-0.87506500
C	-2.16897800	-13.66527600	0.00000000
C	-3.36476000	-14.62313800	0.00000000
O	-3.20787400	-15.85002600	0.00000000
N	-4.56846900	-14.00843700	0.00000000
H	-4.63247700	-12.98799000	0.00000000
C	-5.80266400	-14.76501700	0.00000000
C	-6.98703600	-13.79465200	0.00000000
O	-6.81898300	-12.56670200	0.00000000
N	-8.21256300	-14.35425500	0.00000000
H	-8.37405400	-15.35940100	0.00000000
N	-0.94563300	-14.44284700	0.00000000
H	-1.07261600	-15.45266300	0.00000000
C	0.26545200	-13.84916100	0.00000000
O	0.40239400	-12.61740200	0.00000000
C	1.47151800	-14.79297200	0.00000000
N	2.69191300	-14.01493900	0.00000000
H	2.61364200	-12.99619700	0.00000000
H	-2.22258300	-13.00965500	0.87601300
H	-5.86276800	-15.42003200	-0.88001700
H	1.42405400	-15.44955100	-0.87975600
C	-1.42331300	-9.99454400	0.00000000

N	-2.65040800	-9.22388300	0.00000000
H	-2.59043300	-8.20298200	0.00000000
C	-3.84639500	-9.84569600	0.00000000
O	-3.97156200	-11.08012200	0.00000000
C	-5.05392200	-8.90957200	0.00000000
N	-6.29200700	-9.66467900	0.00000000
H	-6.24737600	-10.68645000	0.00000000
C	-7.47558300	-9.02128200	0.00000000
O	-7.57393900	-7.78323400	0.00000000
C	-0.21042400	-9.06612200	0.00000000
O	-0.33235300	-7.83047100	0.00000000
H	-1.37035700	-10.65410400	0.87407100
H	-4.99539400	-8.24982600	-0.87321100
C	5.08594400	-13.63478900	0.00000000
C	3.90656100	-14.61143300	0.00000000
O	4.07884600	-15.83582500	0.00000000
N	6.32501800	-14.38547500	0.00000000
H	6.22548200	-15.39776300	0.00000000
C	7.52350200	-13.76337200	0.00000000
O	7.62439200	-12.52738300	0.00000000
C	8.74820700	-14.67648600	0.00000000
N	9.95673100	-13.88309000	0.00000000
H	9.88915100	-12.86593600	0.00000000
C	11.17618100	-14.47600500	0.00000000
O	11.36665700	-15.69224800	0.00000000
H	5.01897200	-12.97933500	0.87522500
H	8.71288400	-15.33669000	-0.87831700
C	-9.40812600	-13.53672500	0.00000000
H	-9.44087700	-12.88185700	0.87781800
H	-9.44087700	-12.88185700	-0.87781800
C	-8.70927000	-9.92262100	0.00000000
H	-8.67231800	-10.58195000	-0.87522500
H	-8.67231800	-10.58195000	0.87522500
H	-9.85221700	-8.10600800	0.00000000
C	-11.13462200	-9.70164700	0.00000000
O	-11.33933400	-10.92514200	0.00000000
N	-9.92053300	-9.12597800	0.00000000
H	-4.99539400	-8.24982600	0.87321100
H	-1.37035700	-10.65410400	-0.87407100
H	2.26120700	-8.25633300	0.87386000
H	5.90456600	-10.63859100	-0.87298600
H	9.50594200	-8.20674400	0.87506500
H	8.71288400	-15.33669000	0.87831700

H	1.42405400	-15.44955100	0.87975600
H	-5.86276800	-15.42003200	0.88001700
C	-10.63768200	-14.45041100	0.00000000
H	-11.83677600	-12.75798300	0.00000000
O	-10.52122500	-15.67872200	0.00000000
N	-11.81400300	-13.77834500	0.00000000
H	5.01897200	-12.97933500	-0.87522500
H	-2.22258300	-13.00965500	-0.87601300
C	5.84414100	-0.49691500	0.00000000
N	4.61681900	0.27359100	0.00000000
H	4.67350000	1.29457800	0.00000000
C	3.42357200	-0.35164100	0.00000000
O	3.30372900	-1.58689700	0.00000000
C	2.20942800	0.57497200	0.00000000
N	0.98128500	-0.19454200	0.00000000
H	1.03716300	-1.21625800	0.00000000
C	7.05765300	0.42876100	0.00000000
O	6.93869900	1.66525600	0.00000000
N	8.25243300	-0.19429700	0.00000000
H	8.30983400	-1.21582500	0.00000000
C	9.46968100	0.58873600	0.00000000
C	10.71290300	-0.30059000	0.00000000
O	10.64867300	-1.53519500	0.00000000
N	11.87013300	0.40151500	0.00000000
H	11.86849700	1.42314800	0.00000000
H	5.89670300	-1.15732300	0.87304300
H	2.26197700	1.23484900	-0.87360900
H	9.51157800	1.24912800	-0.87446200
C	-2.14740200	-4.17171100	0.00000000
C	-3.36319000	-5.09554600	0.00000000
O	-3.24780000	-6.33130900	0.00000000
N	-4.55464500	-4.46601100	0.00000000
H	-4.60744200	-3.44471600	0.00000000
C	-5.78374000	-5.23303500	0.00000000
C	-6.99597300	-4.30585200	0.00000000
O	-6.87735500	-3.06965700	0.00000000
N	-8.19161600	-4.92814100	0.00000000
H	-8.24949100	-5.94929000	0.00000000
N	-0.91990400	-4.94172200	0.00000000
H	-0.97489600	-5.96322000	0.00000000
C	0.27249200	-4.31426800	0.00000000
O	0.38790700	-3.07786400	0.00000000
C	1.48798500	-5.23865100	0.00000000

N	2.71580600	-4.46877600	0.00000000
H	2.66008800	-3.44775300	0.00000000
H	-2.19926400	-3.51158700	0.87356300
H	-5.83786800	-5.89356900	-0.87289000
H	1.43548700	-5.89910600	-0.87330500
C	-1.42579300	-0.49568900	0.00000000
N	-2.65433900	0.27368100	0.00000000
H	-2.59748000	1.29465500	0.00000000
C	-3.84812900	-0.35154100	0.00000000
O	-3.96814100	-1.58661800	0.00000000
C	-5.06177500	0.57633400	0.00000000
N	-6.29432700	-0.18782100	0.00000000
H	-6.24510100	-1.21003900	0.00000000
C	-7.48257400	0.44629700	0.00000000
O	-7.59030800	1.68402200	0.00000000
C	-0.21150500	0.43091200	0.00000000
O	-0.33081100	1.66720400	0.00000000
H	-1.37292800	-1.15590300	0.87330800
H	-5.00772600	1.23615600	-0.87351900
C	5.12310900	-4.16788500	0.00000000
C	3.90959600	-5.09545400	0.00000000
O	4.02674600	-6.33053100	0.00000000
N	6.35718900	-4.92930900	0.00000000
H	6.31237700	-5.95188200	0.00000000
C	7.54301700	-4.28976700	0.00000000
O	7.64415800	-3.05148800	0.00000000
C	8.77349400	-5.19531800	0.00000000
N	9.98756200	-4.40243200	0.00000000
H	9.92242200	-3.38242300	0.00000000
C	11.19960100	-4.98235800	0.00000000
O	11.40076600	-6.20630500	0.00000000
H	5.06810700	-3.50775700	0.87331700
H	8.73423100	-5.85579600	-0.87411100
C	-9.40807100	-4.14432600	0.00000000
H	-9.44967400	-3.48382100	0.87443300
H	-9.44967400	-3.48382100	-0.87443300
C	-8.70877600	-0.46553000	0.00000000
H	-8.66641600	-1.12573800	-0.87407200
H	-8.66641600	-1.12573800	0.87407200
H	-9.86503000	1.34204000	0.00000000
C	-11.13592900	-0.26280000	0.00000000
O	-11.33274400	-1.48790200	0.00000000
N	-9.92664000	0.32167600	0.00000000

H	-5.00772600	1.23615600	0.87351900
H	-1.37292800	-1.15590300	-0.87330800
H	2.26197700	1.23484900	0.87360900
H	5.89670300	-1.15732300	-0.87304300
H	9.51157800	1.24912800	0.87446200
H	8.73423100	-5.85579600	0.87411100
H	1.43548700	-5.89910600	0.87330500
H	-5.83786800	-5.89356900	0.87289000
C	-10.65183700	-5.03256000	0.00000000
H	-11.80657200	-3.30820600	0.00000000
O	-10.58879100	-6.26751800	0.00000000
N	-11.80863400	-4.32996800	0.00000000
H	5.06810700	-3.50775700	-0.87331700
H	-2.19926400	-3.51158700	-0.87356300
C	5.84094400	8.97972000	0.00000000
N	4.61792200	9.75723400	0.00000000
H	4.68308200	10.77692600	0.00000000
C	3.42121200	9.13843600	0.00000000
O	3.29605900	7.90405800	0.00000000
C	2.21093700	10.07027000	0.00000000
N	0.98128500	9.30358500	0.00000000
H	1.03675200	8.28175400	0.00000000
C	7.05791900	9.90068300	0.00000000
O	6.94214400	11.13734600	0.00000000
N	8.25017000	9.27177600	0.00000000
H	8.30214200	8.24982000	0.00000000
C	9.47191900	10.04744000	0.00000000
C	10.71020600	9.15088300	0.00000000
O	10.63964800	7.91717900	0.00000000
N	11.87254300	9.84530300	0.00000000
H	11.87840800	10.86567000	0.00000000
H	5.88977600	8.31956500	0.87342500
H	2.26569000	10.72942100	-0.87419400
H	9.51794900	10.70704500	-0.87493100
C	-2.15052700	5.31869200	0.00000000
C	-3.36467000	4.39257400	0.00000000
O	-3.24687400	3.15743500	0.00000000
N	-4.55840600	5.01831800	0.00000000
H	-4.61503000	6.03892400	0.00000000
C	-5.78451900	4.24630800	0.00000000
C	-7.00082900	5.16784800	0.00000000
O	-6.88785300	6.40517000	0.00000000
N	-8.19289700	4.53895200	0.00000000

H	-8.24493300	3.51696700	0.00000000
N	-0.92227500	4.55003100	0.00000000
H	-0.97626900	3.52821600	0.00000000
C	0.27000100	5.17768400	0.00000000
O	0.38598900	6.41415600	0.00000000
C	1.48450100	4.25179800	0.00000000
N	2.71404600	5.01921400	0.00000000
H	2.66035800	6.04026700	0.00000000
H	-2.20340600	5.97862100	0.87370000
H	-5.83588400	3.58564700	-0.87301700
H	1.43095900	3.59133700	-0.87315100
C	-1.42383800	8.99956600	0.00000000
N	-2.65350800	9.76767000	0.00000000
H	-2.59421700	10.78788300	0.00000000
C	-3.84639500	9.14118700	0.00000000
O	-3.96626100	7.90642700	0.00000000
C	-5.06261400	10.06633900	0.00000000
N	-6.29063600	9.29490000	0.00000000
H	-6.23293100	8.27285700	0.00000000
C	-7.48425000	9.91728300	0.00000000
O	-7.60641500	11.15428100	0.00000000
C	-0.21168600	9.92930100	0.00000000
O	-0.33400500	11.16507100	0.00000000
H	-1.37054600	8.33969600	0.87343100
H	-5.01167700	10.72496000	-0.87479800
C	5.12251000	5.31431100	0.00000000
C	3.90641000	4.39021400	0.00000000
O	4.02191000	3.15486400	0.00000000
N	6.35321200	4.54749900	0.00000000
H	6.30320700	3.52536200	0.00000000
C	7.54220300	5.18085600	0.00000000
O	7.64925300	6.41851500	0.00000000
C	8.76792000	4.26873200	0.00000000
N	9.98613500	5.05521700	0.00000000
H	9.92545700	6.07561000	0.00000000
C	11.19509400	4.46963900	0.00000000
O	11.39068300	3.24448300	0.00000000
H	5.07008600	5.97421800	0.87367100
H	8.72503500	3.60837900	-0.87395900
C	-9.41396700	5.31551200	0.00000000
H	-9.45935700	5.97561100	0.87457400
H	-9.45935700	5.97561100	-0.87457400
C	-8.70120300	8.99237900	0.00000000

H	-8.65360800	8.33279800	-0.87401000
H	-8.65360800	8.33279800	0.87401000
H	-9.85716400	10.79109500	0.00000000
C	-11.13322800	9.18821200	0.00000000
O	-11.33133000	7.96455800	0.00000000
N	-9.92341100	9.77275800	0.00000000
H	-5.01167700	10.72496000	0.87479800
H	-1.37054600	8.33969600	-0.87343100
H	2.26569000	10.72942100	0.87419400
H	5.88977600	8.31956500	-0.87342500
H	9.51794900	10.70704500	0.87493100
H	8.72503500	3.60837900	0.87395900
H	1.43095900	3.59133700	0.87315100
H	-5.83588400	3.58564700	0.87301700
C	-10.65333100	4.42065300	0.00000000
H	-11.81672600	6.13868600	0.00000000
O	-10.58485300	3.18665000	0.00000000
N	-11.81408300	5.11765300	0.00000000
H	5.07008600	5.97421800	-0.87367100
H	-2.20340600	5.97862100	-0.87370000
C	-2.15692000	14.86741600	0.00000000
C	-3.35703200	13.91727800	0.00000000
O	-3.21394800	12.68712600	0.00000000
N	-4.57258700	14.50284300	0.00000000
H	-4.70647800	15.51134700	0.00000000
C	-5.78648700	13.71115200	0.00000000
C	-6.99152300	14.65276400	0.00000000
O	-6.85304600	15.88163200	0.00000000
N	-8.19381300	14.02980700	0.00000000
H	-8.25135200	13.00861200	0.00000000
N	-0.93267100	14.09516200	0.00000000
H	-1.00431500	13.07529200	0.00000000
C	0.27634100	14.70031500	0.00000000
O	0.44077400	15.92618900	0.00000000
C	1.46572400	13.73528500	0.00000000
N	2.69309400	14.50676100	0.00000000
H	2.57096900	15.51721000	0.00000000
H	-2.20729400	15.52359500	0.87986400
H	-5.83303500	13.05481700	-0.87586600
H	1.40840700	13.07986200	-0.87581900
C	5.11095700	14.84533200	0.00000000
C	3.90103800	13.90748900	0.00000000
O	4.03399100	12.67559600	0.00000000

N	6.32857400	14.06132900	0.00000000
H	6.24884500	13.04222700	0.00000000
C	7.54041700	14.65808900	0.00000000
O	7.71107900	15.88346300	0.00000000
C	8.73093500	13.69090300	0.00000000
N	9.95152100	14.47367700	0.00000000
H	9.81431500	15.48265900	0.00000000
C	11.17735100	13.92171400	0.00000000
O	11.40366300	12.70510800	0.00000000
H	5.06806900	15.50188900	0.87980100
H	8.67714000	13.03659900	-0.87665800
C	-9.41041200	14.80858700	0.00000000
H	-9.45282800	15.46697000	0.87939600
H	-9.45282800	15.46697000	-0.87939600
H	8.67714000	13.03659900	0.87665800
H	1.40840700	13.07986200	0.87581900
H	-5.83303500	13.05481700	0.87586600
C	-10.63678300	13.89509000	0.00000000
H	-11.88683000	15.56307100	0.00000000
O	-10.55877200	12.66779000	0.00000000
N	-11.82973300	14.55487800	0.00000000
H	5.06806900	15.50188900	-0.87980100
H	-2.20729400	15.52359500	-0.87986400
H	11.99284900	14.66646900	0.00000000
H	12.73965500	9.32632900	0.00000000
H	12.02556800	5.19506000	0.00000000
H	12.74039100	-0.11212200	0.00000000
H	12.02633700	-4.25258800	0.00000000
H	12.73746800	-9.57461100	0.00000000
H	11.99906400	-13.73676600	0.00000000
H	-12.66959300	-14.31593100	0.00000000
H	-11.95867800	-8.96902100	0.00000000
H	-12.67911400	-4.84320300	0.00000000
H	-11.96578800	0.46333400	0.00000000
H	-12.68204200	4.60017100	0.00000000
H	-11.96331900	9.91482900	0.00000000
H	-12.68345200	14.01338500	0.00000000

7 strand parallel pleated sheet

C	9.27154500	10.17308500	-2.18989900
O	8.04630900	10.14838200	-2.02407000
N	10.04147300	9.14973800	-2.61938500
H	11.04148200	9.33667200	-2.72447300
C	9.49564500	7.84351100	-2.95381300
C	10.19837100	6.72266800	-2.17725100
H	9.65490300	7.62969400	-4.02029100
H	8.42325900	7.85418100	-2.75299600
O	11.43790300	6.62719300	-2.18897500
N	9.38232400	5.86059100	-1.53256900
H	8.37276700	6.03852500	-1.52891500
C	9.91357400	4.74027900	-0.77365300
C	9.24471300	3.41919500	-1.16402400
H	9.71310000	4.88126700	0.29846700
H	10.99299400	4.70293100	-0.92227900
O	8.00986900	3.33143000	-1.22517000
N	10.08956300	2.38393600	-1.38182700
H	11.09586200	2.55971300	-1.37480400
C	9.60374900	1.04389700	-1.67580500
C	10.12872400	0.01955100	-0.66254600
H	9.96449800	0.72227100	-2.66258400
H	8.51311300	1.06499500	-1.68995600
O	11.34081000	-0.03356400	-0.39018300
N	9.20367800	-0.81248800	-0.13918100
H	8.21213300	-0.66165100	-0.35469000
C	9.57583300	-1.84292800	0.81530200
C	8.96877200	-3.20062500	0.45798000
H	9.19338300	-1.59074800	1.81555600
H	10.66357700	-1.89357800	0.86840500
O	7.76767700	-3.30266300	0.16874400
N	9.81872100	-4.24968700	0.53318200
C	9.35806900	-5.62369300	0.40468700
H	10.79686500	-4.07949500	0.77058800
C	9.65575800	-6.39971400	1.69041300
H	9.89637300	-6.12924600	-0.40849100
H	8.29239100	-5.62125400	0.17301600
O	10.77655100	-6.30260400	2.21674300
N	8.65919600	-7.16924400	2.17139700
H	7.73921700	-7.13202700	1.71919200
C	8.82121700	-7.95612600	3.38357700
C	8.49953300	-9.43961000	3.15860000

H	8.12605400	-7.60037000	4.15693000
H	9.84039600	-7.82473300	3.74880900
O	7.45880200	-9.78584600	2.58446900
N	9.39996100	-10.30520200	3.67162500
H	10.28197000	-9.99679000	4.08433800
H	12.21902000	-6.32538400	3.17207600
N	13.08048100	-6.46379800	3.70870200
C	14.27721600	-6.26267700	3.10866700
C	12.97141700	-7.17318100	4.97519100
C	14.20453400	-5.56628800	1.74095300
O	15.36459500	-6.59454300	3.60383200
C	12.97849900	-8.69401800	4.74269000
H	12.02441200	-6.91135200	5.45206300
H	13.80425300	-6.88403400	5.62337400
N	14.58836200	-4.16198600	1.83255600
H	14.89586200	-6.09381800	1.07401700
H	13.19502300	-5.60313800	1.32681500
O	11.93588800	-9.35763400	4.70809100
N	14.21601400	-9.22019000	4.55721000
C	13.75080700	-3.13887100	1.51429600
H	15.53075000	-3.94968900	2.13581800
H	15.00045200	-8.58831200	4.41124800
C	14.32222100	-1.73526200	1.73536100
O	12.59456300	-3.30597600	1.10946700
N	13.93936100	-0.83788700	0.66322800
H	13.93546400	-1.38686100	2.70610200
H	15.41392900	-1.73405000	1.79895500
C	14.80657800	0.09870700	0.19044300
H	12.96035300	-0.79232800	0.37141500
C	14.26031200	0.92825500	-0.97493700
O	15.95740100	0.26075500	0.60659700
N	14.84067700	2.25968000	-0.95534400
H	14.53477200	0.40307900	-1.90166100
H	13.17363200	1.00414800	-0.94241000
H	15.81074600	2.32243700	-0.66444300
C	14.09974500	3.38093300	-1.11793100
C	14.85296100	4.69495800	-0.90892700
O	12.88948900	3.36861200	-1.38409200
N	14.24677100	5.75947100	-1.68329100
H	14.83035800	4.91711200	0.17031500
H	15.90680400	4.60596200	-1.19037700
C	14.95110300	6.88206100	-1.97697000
H	13.23692900	5.74472300	-1.84165200

C	14.20302700	7.89492300	-2.84646400
O	16.12052000	7.07920900	-1.62904200
N	14.70221200	9.22998300	-2.56470100
H	14.38675300	7.62519400	-3.89711000
H	13.12701900	7.85358500	-2.67482000
H	15.67293100	9.29020600	-2.27289800
C	13.90080500	10.31358900	-2.48172200
O	12.68602300	10.32647000	-2.70550000
O	6.23695600	-6.66820500	0.79963800
C	5.05636300	-6.59657800	0.41696100
C	4.65692500	-5.57956800	-0.65851200
N	4.05881000	-7.37850000	0.87893300
N	5.09643500	-4.24160700	-0.29327900
H	5.14628700	-5.89434200	-1.59024100
H	3.57725400	-5.56323800	-0.81380000
H	3.10645700	-7.22820000	0.53070400
C	4.28322000	-8.40637600	1.88294600
H	6.09180200	-4.07210200	-0.13056100
C	4.23233000	-3.21033800	-0.16686000
C	3.98367500	-9.80973400	1.33449000
H	3.60394200	-8.24751000	2.73061700
H	5.31360300	-8.33229500	2.23343600
C	4.84664400	-1.89857400	0.33228100
O	3.01498200	-3.29250800	-0.38955700
O	2.87596200	-10.08067000	0.85173400
N	4.99247200	-10.69946900	1.44662700
N	4.43642100	-0.76442100	-0.47927700
H	4.49206400	-1.76810100	1.36503200
H	5.93535900	-1.94646800	0.34067800
H	5.90414800	-10.43973700	1.82651100
C	5.33630300	0.09090500	-1.00842400
H	3.43617900	-0.57115300	-0.59715800
C	4.75049800	1.24033700	-1.83601200
O	6.56742100	-0.01494700	-0.87165100
N	5.25923500	2.52113800	-1.36856300
H	5.05845200	1.07103900	-2.87696800
H	3.66096200	1.25714200	-1.78598500
C	4.43889200	3.51812500	-0.96983700
H	6.27074000	2.67164500	-1.34342100
C	5.14014400	4.76542500	-0.42153400
O	3.20039700	3.45558900	-0.99903800
N	4.62342200	5.97882800	-1.03297700
H	4.94755300	4.77903200	0.66076700

H	6.21723400	4.72236400	-0.58489900
C	5.43631600	6.87789000	-1.62710900
H	3.61911900	6.17748900	-0.97857100
C	4.73494100	8.08688500	-2.25610600
O	6.67131400	6.75854200	-1.70251300
N	5.31970500	9.33382700	-1.78959900
H	4.86432400	7.99227400	-3.34371900
H	3.66845100	8.09301400	-2.02650800
C	4.57993600	10.31684100	-1.23586500
H	6.32629500	9.49370100	-1.89840100
O	3.35591100	10.30055900	-1.05309500
O	1.76615700	0.11594100	-0.91373700
C	0.52955500	0.23948700	-0.92492000
C	-0.11489800	1.46908200	-1.57314600
N	-0.32909700	-0.66203500	-0.40477800
N	0.44903800	2.69224700	-1.02370800
H	0.09560200	1.40782700	-2.64979300
H	-1.19514700	1.48271500	-1.42256700
H	-1.33403200	-0.45987600	-0.41747000
C	0.13439100	-1.88903500	0.22187300
C	-0.32215200	3.64507900	-0.45678700
H	1.46221000	2.83205300	-1.06424100
O	-3.02787500	0.24183700	-0.50830200
C	-0.52766000	-3.11955500	-0.40573500
H	-0.14302500	-1.89465600	1.28557200
H	1.22039900	-1.93591700	0.14099000
C	0.43627100	4.82646000	0.15659900
O	-1.56005800	3.59081900	-0.39013300
C	-4.26105100	0.37243400	-0.43640900
O	-1.76082800	-3.17274400	-0.53010200
N	0.31484100	-4.11144100	-0.76628600
N	-0.09267500	6.09673500	-0.31287900
H	0.30827500	4.74583500	1.24551300
H	1.50033200	4.78227100	-0.07638400
C	-4.92953300	1.66793300	-0.90862800
N	-5.10187400	-0.57791300	0.02387900
H	1.32234800	-3.96585200	-0.66157200
C	-0.16487800	-5.37498100	-1.30227300
C	0.70255400	7.03986700	-0.86019000
H	-1.08932600	6.29952600	-0.18307200
N	-4.30833100	2.82848500	-0.29086100
H	-4.80270500	1.70826100	-1.99957700
H	-5.99527900	1.67676300	-0.67675600

H	-6.10314100	-0.36933400	0.08433300
C	-4.62908700	-1.88119700	0.46443100
C	0.30932600	-6.55224900	-0.44283200
H	0.24345700	-5.53471700	-2.30969000
H	-1.25340100	-5.33893700	-1.36377200
C	-0.01093400	8.30906300	-1.33817500
O	1.93040400	6.91788700	-1.00827800
C	-5.02455100	3.73592500	0.40787400
H	-3.29895300	2.96518700	-0.39266200
O	-7.80218400	0.34747800	0.16893900
C	-5.30633300	-3.00643600	-0.32611100
H	-4.89293300	-2.03592900	1.51961600
H	-3.54427300	-1.91442300	0.35964200
O	1.51153500	-6.67542500	-0.15506800
N	-0.65605500	-7.41476800	-0.06003000
N	0.61783000	9.50128300	-0.79216400
H	0.05936100	8.31284300	-2.43524200
H	-1.06365400	8.30673500	-1.05177400
C	-4.20698200	4.85579300	1.06089200
O	-6.25544200	3.68446400	0.55855200
C	-9.02878700	0.48003800	0.30516000
O	-6.54419600	-3.06470000	-0.39123900
N	-4.47185600	-3.89684000	-0.90344500
H	-1.62864500	-7.21565400	-0.31318900
C	-0.36223800	-8.60726900	0.71810400
C	-0.07737000	10.43413500	-0.10913100
H	1.62166000	9.65626200	-0.93232000
N	-4.74664100	6.16620000	0.73535000
H	-4.26041500	4.68696900	2.14586200
H	-3.16273000	4.81986700	0.74990500
C	-9.69650500	1.83858400	0.07129200
N	-9.87218400	-0.52991700	0.61789400
H	-3.46136900	-3.75542800	-0.81937300
C	-4.96238100	-5.04004300	-1.65517900
C	-0.70324400	-9.88627400	-0.06094600
H	-0.97761900	-8.61678700	1.62721300
H	0.69129800	-8.58690800	1.00079000
O	-1.29079800	10.41199800	0.13546600
C	-3.97771700	7.14423600	0.21221700
H	-5.72708100	6.36784300	0.95706500
N	-9.00574600	2.90785800	0.77231800
H	-9.66531200	2.01474500	-1.01390500
H	-10.73871300	1.83180400	0.39153000

H	-10.85994600	-0.31367100	0.77012400
C	-9.41260800	-1.90079000	0.78474300
C	-4.46955800	-6.36006400	-1.05083200
H	-4.57591000	-5.00306700	-2.68309800
H	-6.05198200	-4.99959600	-1.68658800
O	-1.84166700	-10.06985300	-0.51295900
N	0.30528100	-10.77474000	-0.18233800
C	-4.70283400	8.45585800	-0.10699800
O	-2.76571400	7.02510700	-0.03431900
C	-9.66971100	3.77262600	1.57299900
H	-8.00372800	3.04506600	0.61542100
C	-10.09552000	-2.85070300	-0.21000400
H	-9.67278700	-2.25908500	1.79002600
H	-8.32798100	-1.92095000	0.67202100
O	-3.26455800	-6.53102600	-0.80345400
N	-5.42557700	-7.29146600	-0.84401200
H	1.24702500	-10.57777200	0.16146400
N	-4.01660100	9.59248500	0.48623300
H	-4.71286100	8.54910500	-1.20232600
H	-5.73178600	8.44111400	0.25515000
C	-8.79727500	4.82531500	2.26854500
O	-10.89306700	3.72833200	1.77820000
O	-11.32987400	-2.84428000	-0.34018800
N	-9.26839500	-3.68433200	-0.87983400
H	-6.39931100	-7.05682200	-1.05681800
C	-5.11315200	-8.61631900	-0.33352100
H	-3.02223100	9.74770700	0.29056400
C	-4.64647500	10.47476400	1.28945100
N	-9.33000300	6.16619600	2.08079300
H	-8.79416400	4.56942000	3.33756600
H	-7.77236500	4.80157700	1.89734000
H	-8.25603100	-3.58319300	-0.76441200
C	-9.77971100	-4.63824800	-1.84923600
C	-5.42533700	-9.70834100	-1.36704000
H	-5.73283000	-8.82929300	0.54734800
H	-4.06186400	-8.63735300	-0.04221100
O	-5.84029900	10.44620500	1.61649100
C	-8.57410000	7.18025000	1.60703200
H	-10.29060000	6.36429900	2.37511200
C	-9.25252000	-6.05486500	-1.60257200
H	-9.45073800	-4.36166000	-2.86169100
H	-10.86914800	-4.60794600	-1.81995300
O	-6.55142700	-9.79621800	-1.87521000

N	-4.41054600	-10.55414500	-1.64140200
C	-9.30494900	8.51290600	1.41798000
O	-7.37573500	7.07426500	1.29774200
O	-8.04150000	-6.26495100	-1.42960100
N	-10.19181700	-7.02736100	-1.63899200
H	-3.47306800	-10.42355600	-1.25603600
N	-8.55516800	9.61494600	1.99778000
H	-9.41619800	8.65384800	0.33245500
H	-10.29747500	8.49115500	1.86953900
H	-11.17388600	-6.75377400	-1.72154600
C	-9.84997600	-8.43719700	-1.54599100
C	-9.13510200	10.53036300	2.80201700
H	-7.56276400	9.73887000	1.77322400
C	-10.05017500	-9.17543000	-2.88231200
H	-10.50832300	-8.92575500	-0.81651300
H	-8.81724800	-8.52507600	-1.20386300
O	-10.32455500	10.55504000	3.14434000
O	-11.11628100	-9.08652800	-3.50738200
N	-9.01142000	-9.94122900	-3.27724500
H	-8.11247900	-9.93412500	-2.79120200
C	-13.36020500	10.07292100	5.04229700
O	-14.39995100	9.76064600	5.62175700
H	-12.04163200	9.88940100	3.47595600
N	-12.97190200	9.62927700	3.81517800
C	-13.75929400	8.65319800	3.09161900
C	-13.10419000	7.26555200	3.10154600
O	-11.89467700	7.14084900	2.86268600
H	-14.75723500	8.62990300	3.53815000
H	-14.91226800	6.36668000	3.50038400
N	-13.92090700	6.21646100	3.35371600
C	-13.45784600	4.84004300	3.31207700
C	-14.38768900	3.97778700	2.45302000
O	-15.60705700	4.16888700	2.43389600
H	-12.43321800	4.82370100	2.94019000
H	-12.73653300	2.97457300	1.72983800
N	-13.75657800	2.97385500	1.78647400
C	-14.49997500	2.01621400	0.99434600
C	-13.79811500	0.65600400	0.98817900
O	-12.56463400	0.57065200	1.08823900
H	-15.51634000	1.95020800	1.39368500
H	-15.60180500	-0.29813300	0.67456900
N	-14.60593300	-0.41693700	0.83020200
C	-14.08935100	-1.76565400	0.67944600

C	-14.85670000	-2.50581900	-0.41860500
O	-16.03392000	-2.23456200	-0.67477700
H	-13.02153200	-1.72812000	0.46476500
H	-13.14227500	-3.56330500	-0.86120900
N	-14.14929500	-3.49759200	-1.01864300
C	-14.75254000	-4.33922600	-2.02909800
C	-14.01863900	-5.67850500	-2.13154500
O	-12.86240400	-5.81870800	-1.70325200
H	-15.81030700	-4.48511700	-1.78771900
H	-15.59884200	-6.46300100	-3.19487800
N	-14.71194000	-6.66544300	-2.74197300
C	-14.11346900	-7.94010200	-3.09438400
C	-14.44946000	-8.28406400	-4.55149500
O	-15.47457200	-7.85739000	-5.08435500
H	-12.64030200	-9.27302700	-4.71709600
N	-13.55312100	-9.11800100	-5.14183800
H	-13.03570100	-7.90122100	-2.93647000
H	-14.51651200	-8.74530500	-2.46354800
H	-14.71765700	-3.86730100	-3.02450100
H	-14.22315300	-2.33521000	1.61111700
H	-14.58632000	2.34023900	-0.05561800
H	-13.46305500	4.40758900	4.32326900
H	-13.85017800	8.94949400	2.03765400
H	-13.71366000	-9.36977700	-6.10819900
H	-9.11173900	-10.46145400	-4.13946800
H	-4.58245300	-11.29893900	-2.30465500
H	0.11868400	-11.63928300	-0.67413300
H	4.83211900	-11.64339600	1.11891300
H	9.20940300	-11.29535100	3.58403200
H	14.29022500	-10.18796100	4.26997500
H	14.44619900	11.23010000	-2.19198500
H	9.86445800	11.08262900	-1.99223600
H	5.19450000	11.18681400	-0.94597700
H	0.56386400	11.26645900	0.22914000
H	-3.96928600	11.26948400	1.64722200
H	-8.41835700	11.29621100	3.14532500
H	-12.62473000	10.77813800	5.47283500

7 strand parallel rippled sheet

O	6.55079000	-6.60620700	-0.18399200
C	5.31064500	-6.51285200	-0.16514000
C	4.61758000	-5.31494300	-0.82152300
N	4.49306500	-7.42728700	0.39613300
N	5.13406400	-4.06003600	-0.29355900
H	4.82094600	-5.38455500	-1.89928400
H	3.53873300	-5.33684700	-0.66340300
H	3.48266100	-7.25661200	0.39079600
C	5.00968100	-8.61378800	1.05817100
H	6.14029400	-3.87951200	-0.32800700
C	4.31230100	-3.07611500	0.13828700
C	4.53929200	-9.90913200	0.38120600
H	4.63647900	-8.65101300	2.09033400
H	6.09888700	-8.55125900	1.08178300
C	5.01348300	-1.83516900	0.69893000
O	3.07400000	-3.15047900	0.12994900
O	3.33873100	-10.10551500	0.14503200
N	5.51016600	-10.80795600	0.12016700
N	4.49574400	-0.61688500	0.09401000
H	4.82029600	-1.83236300	1.78143000
H	6.09066800	-1.87033400	0.53509300
H	6.50165200	-10.59441200	0.25260000
C	5.31858400	0.35979500	-0.34449200
H	3.48391000	-0.45383000	0.08423400
C	4.62582000	1.57075200	-0.97440600
O	6.55918100	0.30548400	-0.28829300
N	5.14038100	2.81419200	-0.42127900
H	4.83006200	1.52254500	-2.05377900
H	3.54648500	1.54322400	-0.82117600
C	4.31418000	3.79360900	0.00867600
H	6.14973200	2.97893200	-0.41477000
C	5.00328700	5.02701500	0.59762300
O	3.07584200	3.72251100	-0.02549300
N	4.47177300	6.25142400	0.01938500
H	4.80952300	5.00497400	1.67988000
H	6.08091000	5.00355100	0.43454200
C	5.28283000	7.23174100	-0.42873300
H	3.45874800	6.41071300	0.02456700
C	4.58226800	8.45641400	-1.02439500
O	6.52433000	7.17444900	-0.40387500
N	5.13781900	9.68677900	-0.48470000

H	4.74340100	8.41187800	-2.11118800
H	3.50954900	8.44001400	-0.82794400
C	4.36586400	10.64995900	0.06003900
H	6.15003900	9.84323300	-0.50373000
O	3.13341900	10.62644200	0.17396700
O	1.76794900	0.29085800	0.03155100
C	0.53094400	0.35031200	0.13725300
C	-0.13882700	1.58457600	0.74668500
N	-0.30932600	-0.64252200	-0.22511400
N	0.36076100	2.80815200	0.13992500
H	-1.22233800	1.55404200	0.62745100
H	0.09662300	1.56984900	1.82085800
H	-1.31972100	-0.48280000	-0.16980300
C	0.18174600	-1.89202500	-0.78584300
C	-0.47454400	3.78134800	-0.28524900
H	1.37041600	2.96940300	0.09814000
C	-0.49449100	-3.09443000	-0.12228200
H	1.26542500	-1.92209200	-0.67052800
H	-0.06097000	-1.94884000	-1.85680700
C	0.20203500	4.99746400	-0.92464400
O	-1.71197900	3.71833200	-0.20840400
O	-1.73141200	-3.15269000	-0.04045500
N	0.34043600	-4.06202800	0.31704100
N	-0.29174600	6.23712800	-0.34518900
H	1.28523500	4.96488100	-0.80646300
H	-0.03825500	4.96002300	-1.99699200
H	1.35005600	-3.90077900	0.27659000
C	-0.16020000	-5.28041000	0.93687900
C	0.54430000	7.21594600	0.05906700
H	-1.30240400	6.40648700	-0.31440600
C	0.53230300	-6.51177600	0.34799800
H	-1.24127500	-5.31949900	0.79889500
H	0.06060600	-5.27822700	2.01376900
C	-0.12800800	8.44975000	0.67132000
O	1.78334700	7.14813000	-0.01098400
O	1.77312600	-6.58399900	0.33008600
N	-0.28918000	-7.47962100	-0.11209100
N	0.42270800	9.67941600	0.12669900
H	-1.20527800	8.44269800	0.50068800
H	0.05800700	8.40089700	1.75380100
H	-1.30001900	-7.31328400	-0.10666200
C	0.23004300	-8.70316700	-0.70047800
C	-0.35085400	10.62595700	-0.44404900

H	1.43012600	9.85979600	0.18332700
C	-0.31122000	-9.95796700	-0.00321800
H	1.31984500	-8.66800100	-0.66195100
H	-0.08269800	-8.77448200	-1.75155800
O	-1.57955500	10.58191800	-0.58974900
O	-1.52595100	-10.10809800	0.19169300
N	0.61842900	-10.88112400	0.31774500
H	1.61857700	-10.68630500	0.23504700
H	0.30480300	-11.73417500	0.76301900
H	5.23891200	-11.68879800	-0.29831000
H	4.96125200	11.51003000	0.41271500
H	0.23900100	11.49361100	-0.78745000
O	-3.02211400	-6.57851000	-0.07843200
C	-4.26295100	-6.51211600	-0.11258800
C	-4.95811500	-5.28946200	-0.71827500
N	-5.08607100	-7.48257400	0.33954200
N	-4.45530500	-4.05817000	-0.12748700
H	-4.74389800	-5.30716800	-1.79640300
H	-6.03857900	-5.32711200	-0.57453000
H	-6.09764200	-7.32670300	0.31410100
C	-4.56966100	-8.70386500	0.93232300
H	-3.44604500	-3.88822100	-0.11458700
C	-5.28639000	-3.09270800	0.32298400
C	-5.13519100	-9.95883100	0.25713900
H	-4.86422300	-8.76290300	1.98988600
H	-3.48041800	-8.68218900	0.87700300
C	-4.60077300	-1.87014200	0.94164100
O	-6.52512700	-3.16573900	0.28441000
O	-6.34602600	-10.07016100	0.02130100
N	-4.23037800	-10.92902800	0.00837800
N	-5.11008000	-0.63420300	0.36622500
H	-4.81746200	-1.90232100	2.01892800
H	-3.52007700	-1.89767900	0.79965300
H	-3.22759000	-10.75487500	0.10191400
C	-4.28282500	0.33638200	-0.08018400
H	-6.11949700	-0.46186300	0.36856000
C	-4.97670600	1.55557000	-0.69399000
O	-3.04282200	0.26647200	-0.04647500
N	-4.43579600	2.79726700	-0.16339500
H	-4.80263400	1.49948300	-1.77847500
H	-6.05197700	1.54038100	-0.51303600
C	-5.24177100	3.79305500	0.26727000
H	-3.42508100	2.95615400	-0.19147500

C	-4.52621600	5.03201700	0.81352600
O	-6.48180900	3.73323800	0.26533000
N	-5.03854900	6.24820100	0.19957900
H	-4.71325800	5.04734700	1.89700400
H	-3.45046200	4.98428300	0.64365400
C	-4.21265800	7.20857100	-0.26684700
H	-6.04852900	6.42343200	0.20027200
C	-4.89776400	8.41720900	-0.91243200
O	-2.97266900	7.13967300	-0.22862100
N	-4.29559700	9.66369000	-0.47109900
H	-4.77455600	8.30076200	-1.99911100
H	-5.96397400	8.44063300	-0.68442900
C	-5.02432700	10.67504900	0.04391200
H	-3.28431100	9.80606200	-0.55719300
O	-6.25100100	10.68537700	0.21429100
O	-7.84782100	0.30979900	0.35491300
C	-9.08361900	0.37580200	0.46010600
C	-9.74903700	1.62154100	1.05308200
N	-9.92611000	-0.62513500	0.11424700
N	-9.22123000	2.83642700	0.45169700
H	-10.83031800	1.60767300	0.91450500
H	-9.53538600	1.60495000	2.13205400
H	-10.93242000	-0.44745100	0.14293500
C	-9.43277600	-1.87069300	-0.45656100
C	-10.03263100	3.84408400	0.05549400
H	-8.20802500	2.96946000	0.40127800
O	-12.67479700	0.50570300	0.15346700
C	-10.09430900	-3.09946700	0.17797100
H	-8.34895600	-1.89544400	-0.34137800
H	-9.66892400	-1.91399700	-1.53000000
C	-9.32075500	5.02187000	-0.61796200
O	-11.26895100	3.82480000	0.16538000
C	-13.90476700	0.48075000	-0.01139900
O	-11.32624800	-3.15728900	0.31617600
N	-9.24660300	-4.10026800	0.50957900
N	-9.80237100	6.30555000	-0.13179100
H	-8.24249900	4.97589200	-0.46575300
H	-9.52361400	4.92621700	-1.69514900
C	-14.63849000	1.66957900	-0.63051300
N	-14.67137400	-0.58452400	0.30618600
H	-8.23888100	-3.93966400	0.43404200
C	-9.72322900	-5.35754300	1.06916600
C	-8.95089700	7.30560900	0.18489500

H	-10.80559000	6.50745000	-0.15266000
N	-14.07393500	2.91222700	-0.14076500
H	-14.53547300	1.58176100	-1.72403000
H	-15.70898800	1.65764300	-0.40602400
H	-15.66686800	-0.59346500	0.10849700
C	-14.10627500	-1.82318700	0.80896400
C	-9.07348500	-6.54923800	0.35808900
H	-10.81057300	-5.38097800	0.99201500
H	-9.44268000	-5.43195500	2.12947600
C	-9.60403800	8.60606300	0.66912300
O	-7.71360900	7.20563500	0.13608900
C	-14.80929200	4.05564700	-0.13280600
H	-13.06727000	2.96257600	0.02857700
C	-14.87443800	-3.01100500	0.22999600
H	-14.19839100	-1.87352400	1.90415500
H	-13.04560900	-1.87236300	0.56365600
O	-7.83779400	-6.61956300	0.25388100
N	-9.92626000	-7.49033600	-0.10911700
N	-8.96541700	9.77228200	0.08443600
H	-10.66762800	8.63118900	0.42856600
H	-9.49044200	8.62315000	1.76260200
C	-14.09222000	5.25559200	0.48749000
O	-15.97533000	4.13615600	-0.53070900
O	-16.06791900	-2.91889700	-0.07385100
N	-14.14784800	-4.15405300	0.14230600
H	-10.93219200	-7.31880100	-0.03304900
C	-9.44646100	-8.65165100	-0.84656900
C	-9.64680100	10.68758300	-0.63662800
H	-7.95940200	9.92529100	0.20666300
N	-14.52868400	6.48857400	-0.14454100
H	-14.34204400	5.26407800	1.55880900
H	-13.00946300	5.17060600	0.39426200
H	-13.13232200	-4.11467600	0.24378800
C	-14.75499300	-5.38544100	-0.32219200
C	-9.98315000	-9.97640000	-0.28463800
H	-8.35583300	-8.62930300	-0.83416700
H	-9.79012500	-8.59908300	-1.88889600
O	-10.85686200	10.66939700	-0.89509500
C	-13.65941000	7.46501300	-0.49137900
H	-15.51107300	6.55887500	-0.38526700
C	-13.92206600	-6.58184200	0.13436600
H	-14.80617600	-5.42099300	-1.42220900
H	-15.78356000	-5.43833500	0.04712300

O	-11.20131200	-10.18142800	-0.17986200
N	-9.04274000	-10.89347000	0.02377500
C	-14.24494900	8.66667400	-1.24156200
O	-12.44404300	7.39865700	-0.25720200
O	-12.68466700	-6.50490300	0.21314500
N	-14.61610200	-7.70517700	0.40908100
H	-8.04485200	-10.67239600	0.00178600
N	-13.64282900	9.91205400	-0.81691500
H	-14.05299400	8.49193700	-2.31020000
H	-15.32500200	8.75121500	-1.09153100
H	-15.61838900	-7.75312700	0.25033200
C	-13.96899100	-8.96539100	0.72204600
H	-12.63140800	10.04753700	-0.89828200
C	-14.37135000	10.86131500	-0.16825900
C	-14.72628700	-10.11068200	0.04193000
H	-13.98676000	-9.15319400	1.80552100
H	-12.92643100	-8.93568100	0.40550400
O	-15.57564200	10.80002400	0.07779900
O	-15.92666700	-10.01776700	-0.21581800
N	-13.96354300	-11.21499600	-0.18262200
H	-12.94866000	-11.13314700	-0.16563100
H	-14.39893100	-11.99197000	-0.66239600
H	-9.35521000	-11.78668400	0.38262900
H	-4.55884400	-11.78391200	-0.42221600
H	-4.39814800	11.54298500	0.31400400
H	-8.99268800	11.50248100	-0.99340000
H	-13.74729900	11.72928800	0.11630600
O	16.13875600	-6.80944700	-0.82418800
C	14.96750900	-6.40315300	-0.77211100
C	14.54168000	-5.11369800	-1.48997800
N	13.98456500	-7.02385600	-0.08271300
N	14.91258300	-3.93142200	-0.72039800
H	15.05239800	-5.09656900	-2.45866500
H	13.46050700	-5.07574400	-1.64180300
H	13.01297300	-6.71199600	-0.16791800
C	14.22405400	-8.25016400	0.66370700
H	15.89815800	-3.73695700	-0.59579400
C	13.99959800	-3.08308500	-0.17733700
C	14.19389900	-9.48230500	-0.25771500
H	13.43403800	-8.36888400	1.40803200
H	15.19625700	-8.18521700	1.16347700
C	14.57338100	-1.89857100	0.60483000
O	12.77799700	-3.23768900	-0.29070800

O	13.21860800	-10.24333600	-0.31481000
N	15.31700900	-9.64830200	-0.99832500
N	14.05903200	-0.65101900	0.07069900
H	14.27277200	-2.03429400	1.65402100
H	15.66502700	-1.85199000	0.56826200
H	16.00193100	-8.89431400	-1.02666100
C	14.86626000	0.42863500	-0.11300800
H	13.04765400	-0.52576600	-0.01915200
C	14.15721200	1.63523500	-0.73267300
O	16.07361700	0.45645300	0.14194800
N	14.73267300	2.86627500	-0.22005500
H	14.29649400	1.56954100	-1.82186100
H	13.08681600	1.62517700	-0.52825300
C	13.97177400	3.92267800	0.15027800
H	15.73194400	2.85947500	-0.04490400
C	14.73101300	5.08290400	0.79239600
O	12.74019200	3.95472800	0.01708000
N	14.05312300	6.33614000	0.52719800
H	14.79099400	4.87738400	1.87333900
H	15.76061400	5.14510600	0.42570200
C	14.69938800	7.51548900	0.70755200
H	13.03952600	6.33307500	0.38941000
C	13.87929600	8.75202400	0.33620000
O	15.87027300	7.61373800	1.09151300
N	14.35274500	9.89043200	1.10387400
H	14.01195400	8.92686800	-0.74184200
H	12.81581800	8.59240500	0.51669800
C	13.52820800	10.84580100	1.58242500
H	15.32855100	9.86574200	1.38389300
O	12.31015300	10.90666100	1.38338100
O	11.35850200	0.32475000	-0.09602300
C	10.11861700	0.40210600	-0.03571400
C	9.44964800	1.62016200	0.60666100
N	9.28086900	-0.55968800	-0.47534200
N	9.95565600	2.86955200	0.05545100
H	8.36760900	1.60045700	0.47237500
H	9.67187700	1.56537800	1.68204300
H	8.26911700	-0.39810400	-0.43200900
C	9.77596900	-1.79098500	-1.07244900
C	9.11567100	3.84715600	-0.36104100
H	10.95962200	3.05641100	0.06596500
C	9.09146900	-3.01210800	-0.45346500
H	10.85926600	-1.82749600	-0.95016600

H	9.54385700	-1.81031700	-2.14680200
C	9.78703500	5.11328600	-0.90479400
O	7.87981900	3.74973400	-0.34081800
O	7.85464900	-3.06226600	-0.36755800
N	9.91533600	-4.00498400	-0.05069400
N	9.21663600	6.30558000	-0.29847900
H	10.86237900	5.11109800	-0.72482400
H	9.60905000	5.12071800	-1.98936800
H	10.92657800	-3.87956700	-0.11549500
C	9.38956100	-5.22993200	0.53005300
C	9.98371800	7.23974400	0.30399600
H	8.20642100	6.46609600	-0.36773900
C	10.06497300	-6.46030100	-0.07252900
H	8.30965500	-5.25209000	0.38398700
H	9.59300900	-5.25874600	1.61082200
C	9.21203300	8.39868700	0.95110100
O	11.22207400	7.17658000	0.38619300
O	11.29537400	-6.48475300	-0.23350600
N	9.24592700	-7.49252500	-0.36103700
N	9.77602600	9.69581800	0.61532800
H	8.16392900	8.39106500	0.64898600
H	9.26670200	8.23669900	2.03693800
H	8.23519300	-7.35652900	-0.26512700
C	9.75020400	-8.75749000	-0.87327700
C	9.04682900	10.67247700	0.03155400
H	10.73146200	9.93395100	0.89358200
C	9.43079600	-9.91982800	0.07887600
H	10.82339400	-8.65722800	-1.04349600
H	9.26170700	-8.99112000	-1.82811200
O	7.86337300	10.59529000	-0.31821800
O	8.26268600	-10.14552500	0.42925400
N	10.48308400	-10.66722900	0.46865800
H	11.44998900	-10.46646100	0.19286100
H	10.29588000	-11.46294100	1.06636000
H	15.32503000	-10.37217600	-1.70581600
H	14.05441900	11.60558000	2.18839600
H	9.63239200	11.59723600	-0.11292400

7 strand anti parallel sheet with each strand equivalent

C	-14.76695400	-12.43171600	-0.00000700
H	-15.83005600	-12.17486500	-0.00868000
H	-14.53466000	-13.02766400	0.88719100
H	-14.52160000	-13.03774700	-0.87679900
C	-10.01638200	12.37292600	0.00009000
H	-11.07949700	12.11612700	0.00876200
H	-9.78405800	12.96886200	-0.88710800
H	-9.77099900	12.97894500	0.87688100
C	-5.26701000	-12.43194700	-0.00000300
H	-6.33011300	-12.17509600	-0.00867600
H	-5.03471600	-13.02789500	0.88719500
H	-5.02165600	-13.03797800	-0.87679400
C	-0.51643900	12.37269500	0.00009400
H	-1.57955400	12.11589500	0.00876600
H	-0.28411500	12.96863100	-0.88710400
H	-0.27105600	12.97871400	0.87688500
C	4.23293300	-12.43217900	0.00000100
H	3.16983000	-12.17532800	-0.00867200
H	4.46522700	-13.02812700	0.88719900
H	4.47828700	-13.03821000	-0.87679000
C	8.98350500	12.37246300	0.00009800
H	7.92039000	12.11566400	0.00877000
H	9.21582900	12.96840000	-0.88710000
H	9.22888800	12.97848200	0.87688900
C	13.73287600	-12.43241000	0.00000500
H	12.66977400	-12.17555900	-0.00866800
H	13.96517000	-13.02835800	0.88720300
H	13.97823000	-13.03844100	-0.87678600
C	-13.87720600	-11.20304800	-0.00036700
O	-12.64000200	-11.29202100	-0.00014900
C	-9.12669400	11.14421500	0.00045000
O	-7.88948500	11.23312800	0.00023400
C	-4.37726300	-11.20328000	-0.00036300
O	-3.14005800	-11.29225300	-0.00014500
C	0.37324900	11.14398300	0.00045400
O	1.61045800	11.23289600	0.00023800
C	5.12268100	-11.20351100	-0.00035800
O	6.35988500	-11.29248400	-0.00014100
C	9.87319300	11.14375200	0.00045800
O	11.11040100	11.23266500	0.00024200
C	14.62262400	-11.20374200	-0.00035400
O	15.85982800	-11.29271500	-0.00013700

N	-14.50534600	-10.00181100	-0.00052800
H	-15.52509400	-9.94746900	-0.00050400
C	-13.74219300	-8.76913700	-0.00092100
C	-14.67823300	-7.56177500	-0.00046400
H	-13.08263500	-8.71450100	0.87326100
H	-13.08352300	-8.71448600	-0.87579100
O	-15.91186300	-7.69118500	-0.00032600
N	-9.75489300	9.94300800	0.00061100
H	-10.77464300	9.88871600	0.00058500
C	-8.99180000	8.71029700	0.00100400
C	-9.92789800	7.50298100	0.00054600
H	-8.33224400	8.65562900	-0.87317700
H	-8.33313300	8.65561400	0.87587400
O	-11.16152300	7.63245000	0.00040800
N	-5.00540300	-10.00204300	-0.00052400
H	-6.02515100	-9.94770000	-0.00049900
C	-4.24225000	-8.76936800	-0.00091700
C	-5.17829000	-7.56200600	-0.00046000
H	-3.58269200	-8.71473300	0.87326500
H	-3.58358000	-8.71471800	-0.87578600
O	-6.41192000	-7.69141600	-0.00032200
N	-0.25495000	9.94277700	0.00061500
H	-1.27470000	9.88848400	0.00058900
C	0.50814400	8.71006600	0.00100900
C	-0.42795500	7.50274900	0.00055000
H	1.16770000	8.65539800	-0.87317300
H	1.16681100	8.65538300	0.87587900
O	-1.66157900	7.63221900	0.00041200
N	4.49454000	-10.00227400	-0.00052000
H	3.47479300	-9.94793100	-0.00049500
C	5.25769300	-8.76960000	-0.00091300
C	4.32165400	-7.56223800	-0.00045500
H	5.91725100	-8.71496400	0.87326900
H	5.91636400	-8.71494900	-0.87578200
O	3.08802300	-7.69164700	-0.00031800
N	9.24499400	9.94254600	0.00061900
H	8.22524300	9.88825300	0.00059400
C	10.00808700	8.70983400	0.00101300
C	9.07198800	7.50251800	0.00055400
H	10.66764300	8.65516700	-0.87316900
H	10.66675400	8.65515200	0.87588300
O	7.83836400	7.63198700	0.00041600
N	13.99448400	-10.00250500	-0.00051600
H	12.97473600	-9.94816300	-0.00049100

C	14.75763700	-8.76983100	-0.00090900
C	13.82159700	-7.56246900	-0.00045100
H	15.41719500	-8.71519600	0.87327400
H	15.41630700	-8.71518100	-0.87577800
O	12.58796700	-7.69187900	-0.00031400
N	-14.06074900	-6.36244800	-0.00030800
H	-13.04136700	-6.30163700	-0.00039800
C	-14.83170700	-5.13464000	0.00017000
C	-13.90334600	-3.92136400	-0.00031200
H	-15.49165600	-5.08416500	-0.87396700
H	-15.49065400	-5.08419500	0.87508400
O	-12.66892000	-4.04294400	-0.00053400
N	-9.31047300	6.30362300	0.00039200
H	-8.29109300	6.24276300	0.00048200
C	-10.08149100	5.07585300	-0.00008800
C	-9.15318900	3.86253200	0.00039500
H	-10.74144300	5.02541000	0.87404900
H	-10.74044000	5.02544000	-0.87500300
O	-7.91875700	3.98405200	0.00061800
N	-4.56080600	-6.36267900	-0.00030400
H	-3.54142300	-6.30186800	-0.00039400
C	-5.33176400	-5.13487200	0.00017500
C	-4.40340300	-3.92159500	-0.00030800
H	-5.99171200	-5.08439600	-0.87396300
H	-5.99071100	-5.08442600	0.87508900
O	-3.16897700	-4.04317600	-0.00053000
N	0.18947000	6.30339200	0.00039600
H	1.20885000	6.24253100	0.00048600
C	-0.58154800	5.07562200	-0.00008400
C	0.34675400	3.86230000	0.00040000
H	-1.24149900	5.02517900	0.87405300
H	-1.24049600	5.02520900	-0.87499800
O	1.58118700	3.98382000	0.00062200
N	4.93913800	-6.36291100	-0.00030000
H	5.95852000	-6.30210000	-0.00038900
C	4.16817900	-5.13510300	0.00017900
C	5.09654000	-3.92182700	-0.00030400
H	3.50823100	-5.08462800	-0.87395900
H	3.50923200	-5.08465800	0.87509300
O	6.33096700	-4.04340700	-0.00052500
N	9.68941400	6.30316100	0.00040000
H	10.70879300	6.24230000	0.00049000
C	8.91839600	5.07539100	-0.00008000
C	9.84669800	3.86206900	0.00040400

H	8.25844400	5.02494700	0.87405700
H	8.25944700	5.02497700	-0.87499400
O	11.08113000	3.98358900	0.00062600
N	14.43908100	-6.36314200	-0.00029600
H	15.45846300	-6.30233100	-0.00038500
C	13.66812300	-5.13533400	0.00018300
C	14.59648400	-3.92205800	-0.00030000
H	13.00817400	-5.08485900	-0.87395500
H	13.00917600	-5.08488900	0.87509700
O	15.83091000	-4.04363800	-0.00052100
N	-14.52842700	-2.72597800	-0.00039200
H	-15.54817500	-2.67163600	-0.00023400
C	-13.76527400	-1.49330400	-0.00088500
C	-14.70131400	-0.28594200	-0.00030600
H	-13.10560200	-1.43866800	0.87321100
H	-13.10671700	-1.43865400	-0.87584000
O	-15.93494400	-0.41535200	-0.00000800
N	-9.77832800	2.66717700	0.00047500
H	-10.79807800	2.61288400	0.00031600
C	-9.01523500	1.43446500	0.00096800
C	-9.95133300	0.22714900	0.00038800
H	-8.35556500	1.37979700	-0.87312800
H	-8.35668200	1.37978300	0.87592400
O	-11.18495700	0.35661900	0.00008900
N	-5.02848400	-2.72621000	-0.00038800
H	-6.04823100	-2.67186700	-0.00023000
C	-4.26533100	-1.49353600	-0.00088100
C	-5.20137000	-0.28617400	-0.00030200
H	-3.60565900	-1.43890000	0.87321600
H	-3.60677400	-1.43888500	-0.87583600
O	-6.43500100	-0.41558300	-0.00000400
N	-0.27838500	2.66694500	0.00047900
H	-1.29813500	2.61265300	0.00032000
C	0.48470900	1.43423400	0.00097200
C	-0.45139000	0.22691800	0.00039300
H	1.14437800	1.37956600	-0.87312300
H	1.14326200	1.37955200	0.87592800
O	-1.68501400	0.35638700	0.00009300
N	4.47146000	-2.72644100	-0.00038400
H	3.45171200	-2.67209900	-0.00022600
C	5.23461300	-1.49376700	-0.00087600
C	4.29857300	-0.28640500	-0.00029800
H	5.89428500	-1.43913100	0.87322000
H	5.89316900	-1.43911700	-0.87583200

O	3.06494300	-0.41581400	0.00000100
N	9.22155900	2.66671400	0.00048300
H	8.20180800	2.61242100	0.00032500
C	9.98465200	1.43400300	0.00097600
C	9.04855300	0.22668600	0.00039700
H	10.64432200	1.37933500	-0.87311900
H	10.64320500	1.37932000	0.87593200
O	7.81492900	0.35615600	0.00009700
N	13.97140300	-2.72667200	-0.00037900
H	12.95165500	-2.67233000	-0.00022200
C	14.73455600	-1.49399800	-0.00087200
C	13.79851600	-0.28663600	-0.00029300
H	15.39422800	-1.43936200	0.87322400
H	15.39311300	-1.43934800	-0.87582800
O	12.56488600	-0.41604600	0.00000500
N	-14.08383000	0.91338500	-0.00023200
H	-13.06444700	0.97419600	-0.00045400
C	-14.85478800	2.14119300	0.00034700
C	-13.92642700	3.35446900	-0.00025700
H	-15.51485000	2.19166800	-0.87370400
H	-15.51362100	2.19163800	0.87534700
O	-12.69200000	3.23288900	-0.00063900
N	-9.33390800	-0.97220800	0.00031500
H	-8.31452800	-1.03306900	0.00053800
C	-10.10492600	-2.19997800	-0.00026500
C	-9.17662400	-3.41330000	0.00034000
H	-10.76499100	-2.25042100	0.87378600
H	-10.76376000	-2.25039200	-0.87526500
O	-7.94219200	-3.29178000	0.00072300
N	-4.58388600	0.91315400	-0.00022700
H	-3.56450400	0.97396500	-0.00045000
C	-5.35484500	2.14096100	0.00035100
C	-4.42648400	3.35423700	-0.00025300
H	-6.01490700	2.19143600	-0.87370000
H	-6.01367700	2.19140700	0.87535100
O	-3.19205700	3.23265700	-0.00063500
N	0.16603500	-0.97244000	0.00031900
H	1.18541500	-1.03330000	0.00054200
C	-0.60498300	-2.20021000	-0.00026100
C	0.32331900	-3.41353100	0.00034400
H	-1.26504800	-2.25065300	0.87379000
H	-1.26381700	-2.25062300	-0.87526100
O	1.55775200	-3.29201100	0.00072700
N	4.91605700	0.91292200	-0.00022300

H	5.93543900	0.97373300	-0.00044500
C	4.14509900	2.14073000	0.00035600
C	5.07346000	3.35400600	-0.00024900
H	3.48503700	2.19120500	-0.87369600
H	3.48626600	2.19117500	0.87535500
O	6.30788600	3.23242600	-0.00063100
N	9.66597900	-0.97267100	0.00032300
H	10.68535800	-1.03353200	0.00054600
C	8.89496100	-2.20044100	-0.00025700
C	9.82326300	-3.41376300	0.00034800
H	8.23489500	-2.25088400	0.87379500
H	8.23612600	-2.25085500	-0.87525700
O	11.05769500	-3.29224300	0.00073200
N	14.41600000	0.91269100	-0.00021900
H	15.43538300	0.97350200	-0.00044100
C	13.64504200	2.14049800	0.00036000
C	14.57340300	3.35377500	-0.00024400
H	12.98498000	2.19097400	-0.87369200
H	12.98620900	2.19094400	0.87535900
O	15.80783000	3.23219500	-0.00062700
N	-14.55150800	4.54985400	-0.00025600
H	-15.57125500	4.60419700	0.00003500
C	-13.78835500	5.78252900	-0.00084800
C	-14.72439400	6.98989100	-0.00014800
H	-13.12856900	5.83716500	0.87316200
H	-13.12991200	5.83717800	-0.87589000
O	-15.95802500	6.86048100	0.00031100
N	-9.80176300	-4.60865500	0.00033800
H	-10.82151300	-4.66294800	0.00004700
C	-9.03867000	-5.84136600	0.00093200
C	-9.97476800	-7.04868300	0.00023100
H	-8.37888600	-5.89603500	-0.87307800
H	-8.38023100	-5.89604800	0.87597300
O	-11.20839200	-6.91921300	-0.00022900
N	-5.05156400	4.54962300	-0.00025100
H	-6.07131200	4.60396500	0.00003900
C	-4.28841100	5.78229700	-0.00084400
C	-5.22445100	6.98965900	-0.00014400
H	-3.62862600	5.83693400	0.87316600
H	-3.62996900	5.83694700	-0.87588500
O	-6.45808100	6.86025000	0.00031500
N	-0.30181900	-4.60888600	0.00034200
H	-1.32157000	-4.66317900	0.00005100
C	0.46127300	-5.84159800	0.00093600

C	-0.47482500	-7.04891400	0.00023500
H	1.12105700	-5.89626600	-0.87307400
H	1.11971200	-5.89628000	0.87597800
O	-1.70844900	-6.91944500	-0.00022500
N	4.44837900	4.54939200	-0.00024700
H	3.42863100	4.60373400	0.00004300
C	5.21153200	5.78206600	-0.00084000
C	4.27549200	6.98942800	-0.00014000
H	5.87131800	5.83670200	0.87317000
H	5.86997500	5.83671600	-0.87588100
O	3.04186200	6.86001800	0.00031900
N	9.19812400	-4.60911800	0.00034700
H	8.17837300	-4.66341000	0.00005500
C	9.96121700	-5.84182900	0.00094000
C	9.02511800	-7.04914500	0.00023900
H	10.62100100	-5.89649800	-0.87307000
H	10.61965600	-5.89651100	0.87598200
O	7.79149400	-6.91967600	-0.00022100
N	13.94832200	4.54916000	-0.00024300
H	12.92857500	4.60350300	0.00004700
C	14.71147600	5.78183400	-0.00083600
C	13.77543600	6.98919600	-0.00013600
H	15.37126100	5.83647100	0.87317400
H	15.36991800	5.83648400	-0.87587700
O	12.54180500	6.85978700	0.00032300
N	-14.10691000	8.18921800	-0.00015500
H	-13.08752800	8.25002900	-0.00051000
C	-14.87786800	9.41702500	0.00052400
C	-13.94950800	10.63030200	-0.00020200
H	-15.53804400	9.46750000	-0.87344200
H	-15.53658700	9.46747100	0.87561000
O	-12.71508100	10.50872100	-0.00074400
N	-9.35734300	-8.24804000	0.00023800
H	-8.33796300	-8.30890100	0.00059400
C	-10.12836100	-9.47581000	-0.00044200
C	-9.20005900	-10.68913200	0.00028500
H	-10.78854000	-9.52625300	0.87352300
H	-10.78708100	-9.52622400	-0.87552800
O	-7.96562700	-10.56761100	0.00082900
N	-4.60696700	8.18898600	-0.00015100
H	-3.58758500	8.24979700	-0.00050600
C	-5.37792500	9.41679400	0.00052800
C	-4.44956400	10.63007000	-0.00019700
H	-6.03810100	9.46726900	-0.87343800

H	-6.03664400	9.46724000	0.87561400
O	-3.21513800	10.50849000	-0.00074000
N	0.14260000	-8.24827100	0.00024200
H	1.16198000	-8.30913200	0.00059800
C	-0.62841800	-9.47604100	-0.00043800
C	0.29988400	-10.68936300	0.00028900
H	-1.28859700	-9.52648400	0.87352800
H	-1.28713800	-9.52645500	-0.87552400
O	1.53431700	-10.56784300	0.00083300
N	4.89297600	8.18875500	-0.00014600
H	5.91235900	8.24956600	-0.00050100
C	4.12201800	9.41656300	0.00053200
C	5.05037900	10.62983900	-0.00019300
H	3.46184200	9.46703700	-0.87343300
H	3.46329900	9.46700900	0.87561800
O	6.28480600	10.50825900	-0.00073600
N	9.64254400	-8.24850300	0.00024600
H	10.66192300	-8.30936300	0.00060200
C	8.87152600	-9.47627300	-0.00043300
C	9.79982800	-10.68959400	0.00029300
H	8.21134700	-9.52671500	0.87353200
H	8.21280500	-9.52668700	-0.87552000
O	11.03426000	-10.56807400	0.00083700
N	14.39292000	8.18852400	-0.00014200
H	15.41230200	8.24933500	-0.00049700
C	13.62196200	9.41633100	0.00053600
C	14.55032200	10.62960800	-0.00018900
H	12.96178600	9.46680600	-0.87342900
H	12.96324300	9.46677700	0.87562200
O	15.78474900	10.50802700	-0.00073200
N	-14.57458800	11.82568700	-0.00011900
H	-15.59433600	11.88003000	0.00030400
C	-13.81143500	13.05836100	-0.00081200
H	-13.18088500	13.13820200	0.89263400
H	-13.16013800	13.12253100	-0.88022900
N	-9.82519800	-11.88448700	0.00020200
H	-10.83627600	-12.02787200	-0.00038200
C	-8.95708600	-13.04563700	0.00106300
H	-8.32190700	-13.07006700	-0.89233700
H	-8.30273300	-13.05247400	0.88052600
N	-5.07464500	11.82545600	-0.00011500
H	-6.09439200	11.87979800	0.00030800
C	-4.31149200	13.05813000	-0.00080800
H	-3.68094200	13.13797100	0.89263800

H	-3.66019500	13.12229900	-0.88022500
N	-0.32525400	-11.88471800	0.00020600
H	-1.34500500	-11.93901100	-0.00021800
C	0.43783800	-13.11742900	0.00089900
H	1.06838500	-13.19730100	-0.89254600
H	1.08913200	-13.18163000	0.88031700
N	4.42529900	11.82522400	-0.00011100
H	3.40555100	11.87956700	0.00031200
C	5.18845200	13.05789900	-0.00080400
H	5.81900200	13.13773900	0.89264300
H	5.83974900	13.12206800	-0.88022100
N	9.17468900	-11.88494900	0.00021000
H	8.15493900	-11.93924200	-0.00021400
C	9.93778200	-13.11766100	0.00090400
H	10.56832900	-13.19753200	-0.89254200
H	10.58907500	-13.18186200	0.88032100
N	13.92524200	11.82499300	-0.00010700
H	12.90549400	11.87933600	0.00031600
C	14.68839500	13.05766700	-0.00080000
H	15.31894500	13.13750800	0.89264700
H	15.33969200	13.12183600	-0.88021700
H	-14.50618000	13.90277700	-0.01624900
H	-9.57526000	-13.94761700	0.01654200
H	-5.00623700	13.90254600	-0.01624500
H	-0.25694800	-13.96181200	0.01633600
H	4.49370700	13.90231500	-0.01624100
H	9.24299600	-13.96204300	0.01634000
H	13.99365000	13.90208300	-0.01623600

7 strand parallel sheet with each strand equivalent

H	-15.65774500	-11.88320400	0.69294600
C	-14.56613400	-11.89419500	0.73685400
H	-14.24017200	-11.93457600	1.78209600
H	-14.17899600	-12.78809000	0.23715600
H	-10.83341800	-11.86685700	0.69076800
C	-9.74180600	-11.87784800	0.73467600
H	-9.41584400	-11.91822800	1.77991800
H	-9.35466800	-12.77174300	0.23497800
H	-6.00909000	-11.85050900	0.68859000
C	-4.91747800	-11.86150000	0.73249800
H	-4.59151700	-11.90188100	1.77774000
H	-4.53034000	-12.75539500	0.23280000
H	-1.18476200	-11.83416200	0.68641200
C	-0.09315000	-11.84515300	0.73032000
H	0.23281100	-11.88553400	1.77556100
H	0.29398700	-12.73904800	0.23062200
H	3.63956600	-11.81781400	0.68423300
C	4.73117700	-11.82880600	0.72814200
H	5.05713900	-11.86918600	1.77338300
H	5.11831500	-12.72270000	0.22844300
C	9.55550500	-11.81245800	0.72596300
H	8.46389300	-11.80146700	0.68205500
H	9.88146700	-11.85283900	1.77120500
H	9.94264300	-12.70635300	0.22626500
H	13.28822100	-11.78512000	0.67987700
C	14.37983300	-11.79611100	0.72378500
H	14.70579400	-11.83649100	1.76902700
H	14.76697100	-12.69000500	0.22408700
C	-13.93814100	-10.66864500	0.09158400
O	-12.70651500	-10.56267700	-0.01213400
C	-9.11381300	-10.65229700	0.08940600
O	-7.88218700	-10.54632900	-0.01431200
C	-4.28948500	-10.63595000	0.08722800
O	-3.05786000	-10.52998200	-0.01649000
C	0.53484300	-10.61960200	0.08505000
O	1.76646800	-10.51363400	-0.01866800
C	5.35917000	-10.60325500	0.08287200
O	6.59079600	-10.49728700	-0.02084600
C	10.18349800	-10.58690800	0.08069400
O	11.41512400	-10.48093900	-0.02302400
C	15.00782600	-10.57056000	0.07851600
O	16.23945100	-10.46459200	-0.02520300

N	-14.80817900	-9.71704800	-0.33391300
H	-15.81190700	-9.89291000	-0.26213400
C	-14.35131200	-8.47401700	-0.93644700
C	-15.00530300	-7.26396300	-0.26126800
H	-13.26327400	-8.43839300	-0.86675600
H	-14.63979000	-8.43749400	-1.99655500
O	-16.23961300	-7.18615100	-0.16586800
N	-9.98385200	-9.70070000	-0.33609100
H	-10.98757900	-9.87656200	-0.26431200
C	-9.52698500	-8.45767000	-0.93862500
C	-10.18097500	-7.24761500	-0.26344700
H	-8.43894600	-8.42204600	-0.86893400
H	-9.81546200	-8.42114600	-1.99873300
O	-11.41528500	-7.16980400	-0.16804600
N	-5.15952400	-9.68435300	-0.33826900
H	-6.16325200	-9.86021500	-0.26649000
C	-4.70265700	-8.44132200	-0.94080300
C	-5.35664700	-7.23126800	-0.26562500
H	-3.61461800	-8.40569900	-0.87111200
H	-4.99113400	-8.40479900	-2.00091100
O	-6.59095700	-7.15345700	-0.17022400
N	-0.33519600	-9.66800500	-0.34044700
H	-1.33892400	-9.84386700	-0.26866800
C	0.12167100	-8.42497500	-0.94298200
C	-0.53231900	-7.21492000	-0.26780300
H	1.20970900	-8.38935100	-0.87329000
H	-0.16680600	-8.38845100	-2.00309000
O	-1.76663000	-7.13710900	-0.17240200
N	4.48913200	-9.65165800	-0.34262500
H	3.48540400	-9.82752000	-0.27084600
C	4.94599900	-8.40862700	-0.94516000
C	4.29200800	-7.19857300	-0.26998100
H	6.03403700	-8.37300400	-0.87546800
H	4.65752100	-8.37210400	-2.00526800
O	3.05769800	-7.12076200	-0.17458000
N	9.31345900	-9.63531000	-0.34480300
H	8.30973200	-9.81117200	-0.27302500
C	9.77032600	-8.39228000	-0.94733800
C	9.11633600	-7.18222500	-0.27215900
H	10.85836500	-8.35665600	-0.87764600
H	9.48184900	-8.35575600	-2.00744600
O	7.88202600	-7.10441400	-0.17675800
N	14.13778700	-9.61896300	-0.34698200
H	13.13405900	-9.79482500	-0.27520300

C	14.59465400	-8.37593200	-0.94951600
C	13.94066400	-7.16587800	-0.27433700
H	15.68269300	-8.34030900	-0.87982500
H	14.30617700	-8.33940900	-2.00962400
O	12.70635400	-7.08806700	-0.17893600
N	-14.15130800	-6.31326400	0.18151300
H	-13.14533700	-6.47382200	0.10540900
C	-14.62456600	-5.08935800	0.80998700
C	-13.98786900	-3.85672900	0.15956800
H	-15.71305800	-5.06722200	0.74180400
H	-14.33557900	-5.07084000	1.87042400
O	-12.75483500	-3.76004100	0.06494300
N	-9.32698100	-6.29691700	0.17933400
H	-8.32100900	-6.45747500	0.10323100
C	-9.80023800	-5.07301000	0.80780900
C	-9.16354200	-3.84038100	0.15739000
H	-10.88873000	-5.05087400	0.73962600
H	-9.51125100	-5.05449300	1.86824500
O	-7.93050700	-3.74369400	0.06276400
N	-4.50265300	-6.28057000	0.17715600
H	-3.49668100	-6.44112800	0.10105300
C	-4.97591100	-5.05666300	0.80563100
C	-4.33921400	-3.82403400	0.15521200
H	-6.06440300	-5.03452700	0.73744800
H	-4.68692400	-5.03814500	1.86606700
O	-3.10617900	-3.72734600	0.06058600
N	0.32167500	-6.26422200	0.17497800
H	1.32764600	-6.42478000	0.09887400
C	-0.15158300	-5.04031500	0.80345300
C	0.48511400	-3.80768600	0.15303400
H	-1.24007500	-5.01817900	0.73527000
H	0.13740400	-5.02179800	1.86388900
O	1.71814900	-3.71099900	0.05840800
N	5.14600300	-6.24787500	0.17280000
H	6.15197400	-6.40843300	0.09669600
C	4.67274500	-5.02396800	0.80127400
C	5.30944200	-3.79133900	0.15085600
H	3.58425300	-5.00183200	0.73309100
H	4.96173200	-5.00545000	1.86171100
O	6.54247600	-3.69465100	0.05623000
N	9.97033000	-6.23152700	0.17062200
H	10.97630200	-6.39208500	0.09451800
C	9.49707300	-5.00762100	0.79909600
C	10.13376900	-3.77499200	0.14867700

H	8.40858100	-4.98548400	0.73091300
H	9.78606000	-4.98910300	1.85953300
O	11.36680400	-3.67830400	0.05405200
N	14.79465800	-6.21518000	0.16844400
H	15.80063000	-6.37573800	0.09234000
C	14.32140000	-4.99127300	0.79691800
C	14.95809700	-3.75864400	0.14649900
H	13.23290800	-4.96913700	0.72873500
H	14.61038700	-4.97275600	1.85735500
O	16.19113200	-3.66195600	0.05187400
N	-14.85523600	-2.90886600	-0.26282900
H	-15.85883900	-3.08474400	-0.18936900
C	-14.39939900	-1.66583400	-0.86614100
C	-15.05228000	-0.45578300	-0.18988300
H	-13.31124600	-1.63019100	-0.79827000
H	-14.68965000	-1.62932800	-1.92576500
O	-16.28643000	-0.37799200	-0.09241900
N	-10.03090800	-2.89251800	-0.26500700
H	-11.03451200	-3.06839700	-0.19154800
C	-9.57507100	-1.64948700	-0.86831900
C	-10.22795200	-0.43943600	-0.19206100
H	-8.48691800	-1.61384400	-0.80044800
H	-9.86532200	-1.61298000	-1.92794400
O	-11.46210300	-0.36164500	-0.09459700
N	-5.20658100	-2.87617100	-0.26718500
H	-6.21018400	-3.05204900	-0.19372600
C	-4.75074400	-1.63313900	-0.87049700
C	-5.40362500	-0.42308800	-0.19423900
H	-3.66259100	-1.59749600	-0.80262600
H	-5.04099400	-1.59663300	-1.93012200
O	-6.63777500	-0.34529800	-0.09677500
N	-0.38225300	-2.85982400	-0.26936300
H	-1.38585600	-3.03570200	-0.19590400
C	0.07358400	-1.61679200	-0.87267500
C	-0.57929700	-0.40674100	-0.19641800
H	1.16173700	-1.58114900	-0.80480400
H	-0.21666700	-1.58028600	-1.93230000
O	-1.81344700	-0.32895000	-0.09895300
N	4.44207500	-2.84347600	-0.27154200
H	3.43847200	-3.01935500	-0.19808200
C	4.89791200	-1.60044500	-0.87485400
C	4.24503100	-0.39039400	-0.19859600
H	5.98606500	-1.56480100	-0.80698200
H	4.60766100	-1.56393800	-1.93447800

O	3.01088100	-0.31260300	-0.10113100
N	9.26640300	-2.82712900	-0.27372000
H	8.26279900	-3.00300700	-0.20026000
C	9.72224000	-1.58409700	-0.87703200
C	9.06935900	-0.37404600	-0.20077400
H	10.81039300	-1.54845400	-0.80916100
H	9.43198900	-1.54759100	-1.93665600
O	7.83520800	-0.29625500	-0.10330900
N	14.09073000	-2.81078100	-0.27589800
H	13.08712700	-2.98666000	-0.20243800
C	14.54656700	-1.56775000	-0.87921000
C	13.89368600	-0.35769900	-0.20295200
H	15.63472000	-1.53210600	-0.81133900
H	14.25631700	-1.53124300	-1.93883400
O	12.65953600	-0.27990800	-0.10548800
N	-14.19756300	0.49493500	0.25145800
H	-13.19171700	0.33439300	0.17367400
C	-14.66979000	1.71884000	0.88070900
C	-14.03420300	2.95147300	0.22921200
H	-15.75839500	1.74095700	0.81434600
H	-14.37903000	1.73737500	1.94066100
O	-12.80133000	3.04818100	0.13252300
N	-9.37323500	0.51128200	0.24928000
H	-8.36739000	0.35074100	0.17149500
C	-9.84546200	1.73518800	0.87853100
C	-9.20987600	2.96782000	0.22703400
H	-10.93406700	1.75730400	0.81216800
H	-9.55470200	1.75372300	1.93848200
O	-7.97700300	3.06452800	0.13034500
N	-4.54890700	0.52763000	0.24710200
H	-3.54306200	0.36708800	0.16931700
C	-5.02113500	1.75153500	0.87635300
C	-4.38554800	2.98416800	0.22485600
H	-6.10973900	1.77365200	0.80999000
H	-4.73037500	1.77007000	1.93630400
O	-3.15267500	3.08087600	0.12816700
N	0.27542000	0.54397700	0.24492400
H	1.28126600	0.38343600	0.16713900
C	-0.19680700	1.76788300	0.87417500
C	0.43878000	3.00051500	0.22267800
H	-1.28541200	1.78999900	0.80781200
H	0.09395300	1.78641700	1.93412600
O	1.67165300	3.09722300	0.12598900
N	5.09974800	0.56032400	0.24274500

H	6.10559400	0.39978300	0.16496100
C	4.62752100	1.78423000	0.87199600
C	5.26310800	3.01686300	0.22049900
H	3.53891600	1.80634700	0.80563400
H	4.91828100	1.80276500	1.93194800
O	6.49598100	3.11357100	0.12381100
N	9.92407600	0.57667200	0.24056700
H	10.92992100	0.41613000	0.16278300
C	9.45184900	1.80057800	0.86981800
C	10.08743500	3.03321000	0.21832100
H	8.36324400	1.82269400	0.80345600
H	9.74260900	1.81911200	1.92977000
O	11.32030800	3.12991800	0.12163200
N	14.74840400	0.59301900	0.23838900
H	15.75424900	0.43247800	0.16060500
C	14.27617600	1.81692500	0.86764000
C	14.91176300	3.04955800	0.21614300
H	13.18757200	1.83904200	0.80127800
H	14.56693600	1.83546000	1.92759200
O	16.14463600	3.14626600	0.11945400
N	-14.90229200	3.89931600	-0.19174500
H	-15.90576800	3.72342100	-0.11660400
C	-14.44748600	5.14234800	-0.79583200
C	-15.09925600	6.35239600	-0.11849700
H	-13.35922200	5.17801100	-0.72978200
H	-14.73950900	5.17883800	-1.85497000
O	-16.33324300	6.43016700	-0.01897000
N	-10.07796400	3.91566300	-0.19392300
H	-11.08144000	3.73976800	-0.11878300
C	-9.62315800	5.15869600	-0.79801100
C	-10.27492900	6.36874300	-0.12067500
H	-8.53489400	5.19435900	-0.73196000
H	-9.91518200	5.19518500	-1.85714800
O	-11.50891500	6.44651400	-0.02114800
N	-5.25363700	3.93201100	-0.19610100
H	-6.25711300	3.75611600	-0.12096100
C	-4.79883100	5.17504300	-0.80018900
C	-5.45060100	6.38509100	-0.12285400
H	-3.71056600	5.21070600	-0.73413800
H	-5.09085400	5.21153300	-1.85932700
O	-6.68458800	6.46286100	-0.02332600
N	-0.42930900	3.94835800	-0.19827900
H	-1.43278500	3.77246300	-0.12313900
C	0.02549700	5.19139100	-0.80236700

C	-0.62627300	6.40143800	-0.12503200
H	1.11376100	5.22705400	-0.73631600
H	-0.26652600	5.22788000	-1.86150500
O	-1.86026000	6.47920900	-0.02550400
N	4.39501900	3.96470600	-0.20045700
H	3.39154300	3.78881100	-0.12531700
C	4.84982500	5.20773800	-0.80454500
C	4.19805500	6.41778600	-0.12721000
H	5.93808900	5.24340100	-0.73849400
H	4.55780100	5.24422700	-1.86368300
O	2.96406800	6.49555600	-0.02768200
N	9.21934700	3.98105300	-0.20263500
H	8.21587100	3.80515800	-0.12749500
C	9.67415200	5.22408600	-0.80672300
C	9.02238200	6.43413300	-0.12938800
H	10.76241700	5.25974900	-0.74067300
H	9.38212900	5.26057500	-1.86586100
O	7.78839600	6.51190400	-0.02986000
N	14.04367400	3.99740100	-0.20481300
H	13.04019800	3.82150600	-0.12967300
C	14.49848000	5.24043300	-0.80890100
C	13.84671000	6.45048100	-0.13156600
H	15.58674500	5.27609600	-0.74285100
H	14.20645700	5.27692200	-1.86803900
O	12.61272300	6.52825100	-0.03203900
N	-14.24381800	7.30313400	0.32140300
H	-13.23810200	7.14260900	0.24193800
C	-14.71501400	8.52703800	0.95142900
C	-14.08053900	9.75967500	0.29885500
H	-15.80372800	8.54913500	0.88688700
H	-14.42248200	8.54559000	2.01089200
O	-12.84783100	9.85640300	0.20010300
N	-9.41949100	7.31948100	0.31922500
H	-8.41377400	7.15895600	0.23976000
C	-9.89068600	8.54338600	0.94925000
C	-9.25621100	9.77602200	0.29667700
H	-10.97940100	8.56548300	0.88470900
H	-9.59815400	8.56193800	2.00871400
O	-8.02350300	9.87275000	0.19792500
N	-4.59516300	7.33582900	0.31704600
H	-3.58944600	7.17530400	0.23758100
C	-5.06635800	8.55973300	0.94707200
C	-4.43188400	9.79236900	0.29449900
H	-6.15507300	8.58183000	0.88253100

H	-4.77382600	8.57828500	2.00653600
O	-3.19917600	9.88909800	0.19574700
N	0.22916500	7.35217600	0.31486800
H	1.23488200	7.19165100	0.23540300
C	-0.24203000	8.57608100	0.94489400
C	0.39244400	9.80871700	0.29232100
H	-1.33074500	8.59817800	0.88035200
H	0.05050200	8.59463300	2.00435800
O	1.62515200	9.90544500	0.19356900
N	5.05349300	7.36852400	0.31269000
H	6.05920900	7.20799900	0.23322500
C	4.58229700	8.59242800	0.94271600
C	5.21677200	9.82506400	0.29014300
H	3.49358300	8.61452500	0.87817400
H	4.87482900	8.61098000	2.00218000
O	6.44948000	9.92179300	0.19139100
N	9.87782000	7.38487100	0.31051200
H	10.88353700	7.22434600	0.23104700
C	9.40662500	8.60877600	0.94053800
C	10.04110000	9.84141200	0.28796500
H	8.31791000	8.63087300	0.87599600
H	9.69915700	8.62732800	2.00000100
O	11.27380800	9.93814000	0.18921300
N	14.70214800	7.40121800	0.30833400
H	15.70786500	7.24069300	0.22886900
C	14.23095300	8.62512300	0.93836000
C	14.86542700	9.85775900	0.28578700
H	13.14223800	8.64722000	0.87381800
H	14.52348500	8.64367500	1.99782300
O	16.09813500	9.95448700	0.18703500
N	-14.94934700	10.70749800	-0.12066000
H	-15.95269300	10.53158600	-0.04383900
C	-14.49557400	11.95053100	-0.72552100
H	-13.79006600	12.46924700	-0.06660300
H	-13.99485200	11.76872400	-1.68443100
N	-10.12501900	10.72384500	-0.12283800
H	-11.12836500	10.54793400	-0.04601700
C	-9.67124600	11.96687900	-0.72770000
H	-8.96573900	12.48559400	-0.06878100
H	-9.17052400	11.78507100	-1.68660900
N	-5.30069100	10.74019300	-0.12501600
H	-6.30403700	10.56428100	-0.04819500
C	-4.84691800	11.98322600	-0.72987800
H	-4.14141100	12.50194200	-0.07095900

H	-4.34619700	11.80141900	-1.68878700
N	-0.47636400	10.75654000	-0.12719400
H	-1.47971000	10.58062900	-0.05037300
C	-0.02259000	11.99957400	-0.73205600
H	0.68291700	12.51828900	-0.07313700
H	0.47813100	11.81776600	-1.69096500
N	4.34796400	10.77288800	-0.12937200
H	3.34461800	10.59697600	-0.05255200
C	4.80173700	12.01592100	-0.73423400
H	5.50724500	12.53463700	-0.07531500
H	5.30245900	11.83411400	-1.69314300
N	9.17229200	10.78923500	-0.13155000
H	8.16894600	10.61332400	-0.05473000
C	9.62606500	12.03226800	-0.73641200
H	10.33157200	12.55098400	-0.07749400
H	10.12678700	11.85046100	-1.69532100
N	13.99662000	10.80558200	-0.13372800
H	12.99327400	10.62967100	-0.05690800
C	14.45039300	12.04861600	-0.73859000
H	15.15590000	12.56733200	-0.07967200
H	14.95111400	11.86680800	-1.69749900
H	-15.36136800	12.59591100	-0.89525600
H	-10.53704100	12.61225800	-0.89743400
H	-5.71271300	12.62860500	-0.89961200
H	-0.88838500	12.64495300	-0.90179000
H	3.93594300	12.66130000	-0.90396800
H	8.76027000	12.67764800	-0.90614700
H	13.58459800	12.69399500	-0.90832500

7 strand PII-like structure with each strand equivalent

C	11.01898400	-0.25899100	1.03756600
H	11.28629000	-1.31906100	1.09591700
H	10.71005100	0.07788200	2.03404700
H	11.88794400	0.32909500	0.73149600
C	11.04344500	4.42753700	-0.56279300
H	11.31075200	3.36746800	-0.50444100
H	10.73451200	4.76441100	0.43368900
H	11.91240600	5.01562400	-0.86886200
C	10.97448400	0.69869100	-3.82105100
H	11.24179100	-0.36137800	-3.76270000
H	10.66555100	1.03556500	-2.82457000
H	11.84344400	1.28677800	-4.12712100
C	10.95002200	-3.98783700	-2.22069300
H	11.21732900	-5.04790600	-2.16234100
H	10.64108900	-3.65096400	-1.22421100
H	11.81898300	-3.39975100	-2.52676200
C	10.99452200	-4.94552000	2.63792400
H	11.26182800	-6.00558900	2.69627600
H	10.68558900	-4.60864600	3.63440600
H	11.86348200	-4.35743400	2.33185500
C	11.06348300	-1.21667400	5.89618300
H	11.33079000	-2.27674300	5.95453400
H	10.75455000	-0.87980000	6.89266400
H	11.93244300	-0.62858800	5.59011300
C	11.08794500	3.46985500	4.29582400
H	11.35525200	2.40978500	4.35417600
H	10.77901200	3.80672800	5.29230600
H	11.95690500	4.05794100	3.98975500
C	9.87759200	-0.00121600	0.06584300
O	9.70440100	1.08801000	-0.48973100
C	9.90205300	4.68531300	-1.53451500
O	9.72886300	5.77453800	-2.09008900
C	9.83309200	0.95646700	-4.79277400
O	9.65990100	2.04569300	-5.34834800
C	9.80863000	-3.73006100	-3.19241500
O	9.63544000	-2.64083600	-3.74798900
C	9.85313000	-4.68774400	1.66620200
O	9.67993900	-3.59851900	1.11062800
C	9.92209100	-0.95889800	4.92446000
O	9.74890000	0.13032700	4.36888600
C	9.94655300	3.72763000	3.32410200

O	9.77336200	4.81685600	2.76852800
N	9.03726700	-1.05238500	-0.11568200
H	9.21650900	-1.92406000	0.37130100
C	7.83833500	-0.92625900	-0.91747000
C	6.70881200	-0.18217700	-0.18351700
H	8.07057300	-0.41853800	-1.85894700
H	7.46607300	-1.92912000	-1.15365600
O	6.55976300	-0.25134600	1.04006800
N	9.06172800	3.63414400	-1.71604000
H	9.24097100	2.76246900	-1.22905800
C	7.86279700	3.76027000	-2.51782900
C	6.73327400	4.50435200	-1.78387600
H	8.09503500	4.26799100	-3.45930600
H	7.49053500	2.75740800	-2.75401500
O	6.58422500	4.43518200	-0.56029000
N	8.99276700	-0.09470200	-4.97429900
H	9.17200900	-0.96637700	-4.48731600
C	7.79383500	0.03142400	-5.77608700
C	6.66431200	0.77550600	-5.04213400
H	8.02607300	0.53914500	-6.71756500
H	7.42157400	-0.97143800	-6.01227300
O	6.51526300	0.70633600	-3.81854900
N	8.96830500	-4.78123100	-3.37394100
H	9.14754700	-5.65290600	-2.88695800
C	7.76937400	-4.65510500	-4.17572900
C	6.63985100	-3.91102300	-3.44177600
H	8.00161200	-4.14738400	-5.11720600
H	7.39711200	-5.65796600	-4.41191500
O	6.49080100	-3.98019200	-2.21819000
N	9.01280500	-5.73891400	1.48467700
H	9.19204700	-6.61058800	1.97165900
C	7.81387300	-5.61278800	0.68288900
C	6.68435000	-4.86870600	1.41684100
H	8.04611100	-5.10506600	-0.25858900
H	7.44161100	-6.61564900	0.44670200
O	6.53530100	-4.93787500	2.64042700
N	9.08176600	-2.01006800	4.74293500
H	9.26100800	-2.88174200	5.22991800
C	7.88283400	-1.88394200	3.94114700
C	6.75331100	-1.13986000	4.67510000
H	8.11507200	-1.37622100	2.99967000
H	7.51057300	-2.88680300	3.70496100
O	6.60426200	-1.20902900	5.89868600

N	9.10622800	2.67646100	3.14257700
H	9.28547000	1.80478600	3.62955900
C	7.90729600	2.80258700	2.34078900
C	6.77777300	3.54666900	3.07474100
H	8.13953400	3.31030800	1.39931100
H	7.53503400	1.79972500	2.10460200
O	6.62872400	3.47750000	4.29832700
N	5.87244000	0.51996800	-0.99069100
H	6.03866600	0.53218500	-1.99134900
C	4.69413700	1.17569700	-0.46359400
C	3.54714800	0.19180600	-0.17283200
H	4.95037800	1.73032700	0.44460300
H	4.32709400	1.89090600	-1.20780400
O	3.36734600	-0.82854500	-0.84418600
N	5.89690200	5.20649600	-2.59104900
H	6.06312800	5.21871400	-3.59170700
C	4.71859900	5.86222500	-2.06395300
C	3.57161000	4.87833400	-1.77319000
H	4.97484000	6.41685500	-1.15575600
H	4.35155600	6.57743500	-2.80816200
O	3.39180800	3.85798300	-2.44454500
N	5.82794100	1.47765100	-5.84930800
H	5.99416700	1.48986800	-6.84996600
C	4.64963800	2.13337900	-5.32221100
C	3.50264900	1.14948800	-5.03144900
H	4.90587900	2.68800900	-4.41401500
H	4.28259500	2.84858900	-6.06642100
O	3.32284700	0.12913700	-5.70280300
N	5.80347900	-3.20887800	-4.24894900
H	5.96970500	-3.19666100	-5.24960700
C	4.62517600	-2.55314900	-3.72185300
C	3.47818700	-3.53704000	-3.43109100
H	4.88141700	-1.99851900	-2.81365600
H	4.25813300	-1.83793900	-4.46606200
O	3.29838500	-4.55739100	-4.10244500
N	5.84797800	-4.16656100	0.60966800
H	6.01420400	-4.15434300	-0.39099000
C	4.66967500	-3.51083200	1.13676400
C	3.52268700	-4.49472300	1.42752700
H	4.92591600	-2.95620200	2.04496100
H	4.30263200	-2.79562200	0.39255500
O	3.34288400	-5.51507400	0.75617200
N	5.91694000	-0.43771500	3.86792600

H	6.08316500	-0.42549800	2.86726800
C	4.73863700	0.21801400	4.39502300
C	3.59164800	-0.76587700	4.68578500
H	4.99487800	0.77264400	5.30322000
H	4.37159400	0.93322400	3.65081300
O	3.41184600	-1.78622800	4.01443100
N	5.94140100	4.24881400	2.26756800
H	6.10762700	4.26103100	1.26691000
C	4.76309900	4.90454200	2.79466500
C	3.61611000	3.92065200	3.08542700
H	5.01934000	5.45917300	3.70286100
H	4.39605600	5.61975200	2.05045500
O	3.43630700	2.90030100	2.41407200
N	2.73190500	0.55554800	0.85045900
H	2.92323000	1.41129800	1.36053900
C	1.54127500	-0.20408800	1.16915200
C	0.38652600	0.06239100	0.18746400
H	1.77507800	-1.27319400	1.19019200
H	1.19364100	0.08864100	2.16592400
O	0.22280100	1.15862700	-0.35624900
N	2.75636700	5.24207600	-0.74990000
H	2.94769200	6.09782700	-0.23981900
C	1.56573700	4.48244100	-0.43120700
C	0.41098800	4.74892000	-1.41289500
H	1.79953900	3.41333400	-0.41016700
H	1.21810300	4.77517000	0.56556500
O	0.24726300	5.84515500	-1.95660700
N	2.68740500	1.51323000	-4.00815800
H	2.87873000	2.36898100	-3.49807800
C	1.49677600	0.75359500	-3.68946600
C	0.34202700	1.02007400	-4.67115300
H	1.73057800	-0.31551100	-3.66842500
H	1.14914200	1.04632400	-2.69269400
O	0.17830200	2.11630900	-5.21486600
N	2.66294300	-3.17329800	-2.40780000
H	2.85426900	-2.31754800	-1.89771900
C	1.47231400	-3.93293400	-2.08910700
C	0.31756500	-3.66645500	-3.07079500
H	1.70611600	-5.00204000	-2.06806700
H	1.12468000	-3.64020500	-1.09233500
O	0.15384000	-2.57021900	-3.61450800
N	2.70744300	-4.13098100	2.45081700
H	2.89876800	-3.27523000	2.96089800

C	1.51681400	-4.89061600	2.76951000
C	0.36206500	-4.62413800	1.78782200
H	1.75061600	-5.95972300	2.79055000
H	1.16917900	-4.59788800	3.76628200
O	0.19833900	-3.52790200	1.24411000
N	2.77640400	-0.40213500	5.70907600
H	2.96772900	0.45361500	6.21915600
C	1.58577500	-1.16177000	6.02776900
C	0.43102600	-0.89529200	5.04608100
H	1.81957700	-2.23087700	6.04880900
H	1.23814000	-0.86904200	7.02454100
O	0.26730100	0.20094400	4.50236800
N	2.80086600	4.28439400	4.10871700
H	2.99219100	5.14014400	4.61879800
C	1.61023700	3.52475800	4.42741000
C	0.45548800	3.79123700	3.44572200
H	1.84403900	2.45565200	4.44845100
H	1.26260200	3.81748700	5.42418200
O	0.29176300	4.88747200	2.90201000
N	-0.45386800	-0.98766700	-0.00007100
H	-0.27470800	-1.86211100	0.48195200
C	-1.65275900	-0.85689400	-0.80117500
C	-2.78225700	-0.11691800	-0.06304400
H	-1.42044800	-0.34384200	-1.73974000
H	-2.02508500	-1.85836900	-1.04307700
O	-2.93135900	-0.19303600	1.16012200
N	-0.42940600	3.69886100	-1.60043000
H	-0.25024600	2.82441700	-1.11840700
C	-1.62829700	3.82963400	-2.40153300
C	-2.75779500	4.56961100	-1.66340300
H	-1.39598600	4.34268600	-3.34009800
H	-2.00062300	2.82816000	-2.64343600
O	-2.90689700	4.49349300	-0.44023600
N	-0.49836700	-0.02998500	-4.85868800
H	-0.31920800	-0.90442900	-4.37666600
C	-1.69725900	0.10078800	-5.65979200
C	-2.82675600	0.84076500	-4.92166100
H	-1.46494700	0.61384100	-6.59835700
H	-2.06958400	-0.90068600	-5.90169400
O	-2.97585800	0.76464700	-3.69849500
N	-0.52282900	-4.71651300	-3.25833000
H	-0.34366900	-5.59095700	-2.77630700
C	-1.72172000	-4.58574000	-4.05943400

C	-2.85121800	-3.84576400	-3.32130300
H	-1.48940900	-4.07268800	-4.99799800
H	-2.09404600	-5.58721500	-4.30133600
O	-3.00032000	-3.92188200	-2.09813700
N	-0.47833000	-5.67419600	1.60028700
H	-0.29917000	-6.54864000	2.08231000
C	-1.67722100	-5.54342300	0.79918400
C	-2.80671900	-4.80344600	1.53731400
H	-1.44490900	-5.03037100	-0.13938100
H	-2.04954600	-6.54489800	0.55728100
O	-2.95582000	-4.87956500	2.76048100
N	-0.40936800	-1.94535000	4.85854600
H	-0.23020900	-2.81979400	5.34056900
C	-1.60826000	-1.81457700	4.05744200
C	-2.73775700	-1.07460100	4.79557300
H	-1.37594800	-1.30152500	3.11887700
H	-1.98058500	-2.81605200	3.81554000
O	-2.88685900	-1.15071900	6.01873900
N	-0.38490700	2.74117900	3.25818800
H	-0.20574700	1.86673500	3.74021000
C	-1.58379800	2.87195100	2.45708400
C	-2.71329500	3.61192800	3.19521400
H	-1.35148600	3.38500400	1.51851900
H	-1.95612300	1.87047700	2.21518100
O	-2.86239700	3.53581000	4.41838100
N	-3.61854600	0.58986900	-0.86624300
H	-3.45228000	0.60776700	-1.86680800
C	-4.79682200	1.24267400	-0.33546900
C	-5.94389300	0.25722900	-0.05035400
H	-4.54057600	1.79211000	0.57587800
H	-5.16378400	1.96213300	-1.07561200
O	-6.12374400	-0.75927300	-0.72750900
N	-3.59408400	5.27639800	-2.46660100
H	-3.42781800	5.29429600	-3.46716700
C	-4.77236000	5.92920300	-1.93582800
C	-5.91943100	4.94375700	-1.65071200
H	-4.51611400	6.47863900	-1.02448100
H	-5.13932200	6.64866200	-2.67597100
O	-6.09928200	3.92725500	-2.32786700
N	-3.66304500	1.54755200	-5.72486000
H	-3.49677900	1.56545000	-6.72542600
C	-4.84132100	2.20035700	-5.19408700
C	-5.98839300	1.21491200	-4.90897100

H	-4.58507500	2.74979300	-4.28273900
H	-5.20828300	2.91981600	-5.93423000
O	-6.16824300	0.19841000	-5.58612600
N	-3.68750700	-3.13897700	-4.12450100
H	-3.52124100	-3.12107900	-5.12506700
C	-4.86578300	-2.48617200	-3.59372800
C	-6.01285500	-3.47161700	-3.30861200
H	-4.60953700	-1.93673600	-2.68238100
H	-5.23274500	-1.76671300	-4.33387100
O	-6.19270500	-4.48811900	-3.98576800
N	-3.64300800	-4.09666000	0.73411600
H	-3.47674200	-4.07876200	-0.26645000
C	-4.82128300	-3.44385400	1.26488900
C	-5.96835500	-4.42930000	1.55000500
H	-4.56503800	-2.89441900	2.17623600
H	-5.18824500	-2.72439500	0.52474600
O	-6.14820500	-5.44580200	0.87285000
N	-3.57404600	-0.36781400	3.99237400
H	-3.40778100	-0.34991600	2.99180900
C	-4.75232200	0.28499100	4.52314800
C	-5.89939400	-0.70045400	4.80826300
H	-4.49607600	0.83442700	5.43449500
H	-5.11928400	1.00445100	3.78300500
O	-6.07924400	-1.71695600	4.13110800
N	-3.54958500	4.31871500	2.39201600
H	-3.38331900	4.33661300	1.39145000
C	-4.72786000	4.97152000	2.92278900
C	-5.87493200	3.98607500	3.20790500
H	-4.47161400	5.52095600	3.83413600
H	-5.09482200	5.69097900	2.18264600
O	-6.05478200	2.96957300	2.53075000
N	-6.75915100	0.61520300	0.97495800
H	-6.56778300	1.46802400	1.48990600
C	-7.94984700	-0.14614600	1.28927800
C	-9.10453900	0.12599700	0.30907800
H	-7.71612400	-1.21537300	1.30424500
H	-8.29750000	0.14093200	2.28768600
O	-9.26816300	1.22532000	-0.22839600
N	-6.73468900	5.30173200	-0.62540000
H	-6.54332100	6.15455200	-0.11045200
C	-7.92538600	4.54038200	-0.31108000
C	-9.08007700	4.81252600	-1.29128100
H	-7.69166200	3.47115600	-0.29611400

H	-8.27303800	4.82746100	0.68732800
O	-9.24370100	5.91184900	-1.82875400
N	-6.80365000	1.57288600	-3.88365900
H	-6.61228200	2.42570600	-3.36871100
C	-7.99434700	0.81153600	-3.56933900
C	-9.14903800	1.08368000	-4.54953900
H	-7.76062300	-0.25769000	-3.55437200
H	-8.34199900	1.09861500	-2.57093100
O	-9.31266200	2.18300300	-5.08701300
N	-6.82811200	-3.11364300	-2.28330000
H	-6.63674400	-2.26082200	-1.76835200
C	-8.01880900	-3.87499200	-1.96898000
C	-9.17350000	-3.60284900	-2.94918100
H	-7.78508500	-4.94421800	-1.95401400
H	-8.36646100	-3.58791400	-0.97057300
O	-9.33712400	-2.50352600	-3.48665400
N	-6.78361200	-4.07132600	2.57531700
H	-6.59224500	-3.21850500	3.09026500
C	-7.97430900	-4.83267500	2.88963700
C	-9.12900100	-4.56053200	1.90943600
H	-7.74058600	-5.90190100	2.90460400
H	-8.32196100	-4.54559700	3.88804500
O	-9.29262500	-3.46120900	1.37196300
N	-6.71465100	-0.34248000	5.83357500
H	-6.52328300	0.51034100	6.34852400
C	-7.90534800	-1.10382900	6.14789500
C	-9.06003900	-0.83168600	5.16769500
H	-7.67162400	-2.17305500	6.16286200
H	-8.25300000	-0.81675100	7.14630300
O	-9.22366400	0.26763700	4.63022100
N	-6.69018900	4.34404900	4.23321700
H	-6.49882200	5.19687000	4.74816500
C	-7.88088600	3.58269900	4.54753700
C	-9.03557700	3.85484300	3.56733600
H	-7.64716300	2.51347300	4.56250400
H	-8.22853800	3.86977800	5.54594500
O	-9.19920200	4.95416600	3.02986300
N	-9.94500200	-0.92291600	0.11554000
N	-9.92054000	3.76361300	-1.48481900
N	-9.98950200	0.03476700	-4.74307700
N	-10.01396300	-4.65176200	-3.14271900
N	-9.96946400	-5.60944500	1.71589800
N	-9.90050300	-1.88059900	4.97415700

N	-9.87604100	2.80593000	3.37379800
H	-9.76592500	-1.80010100	0.59258700
H	-9.74146300	2.88642700	-1.00777200
H	-9.81042400	-0.84241900	-4.26603100
H	-9.83488600	-5.52894700	-2.66567200
H	-9.79038700	-6.48663000	2.19294500
H	-9.72142500	-2.75778400	5.45120400
H	-9.69696300	1.92874500	3.85084500
C	-11.14385300	-0.78750000	-0.68485400
H	-10.91146700	-0.26913400	-1.62047500
H	-11.51624100	-1.78755500	-0.93246400
H	-11.93033000	-0.22583800	-0.16361700
C	-11.11939100	3.89902800	-2.28521200
H	-10.88700500	4.41739500	-3.22083400
H	-11.49178000	2.89897400	-2.53282200
H	-11.90586800	4.46069100	-1.76397600
C	-11.18835200	0.17018200	-5.54347100
H	-10.95596700	0.68854900	-6.47909200
H	-11.56074100	-0.82987200	-5.79108100
H	-11.97482900	0.73184500	-5.02223500
C	-11.21281400	-4.51634600	-3.94311200
H	-10.98042800	-3.99798000	-4.87873400
H	-11.58520300	-5.51640100	-4.19072200
H	-11.99929100	-3.95468400	-3.42187600
C	-11.16831400	-5.47402900	0.91550500
H	-10.93592900	-4.95566200	-0.02011700
H	-11.54070300	-6.47408400	0.66789500
H	-11.95479200	-4.91236700	1.43674100
C	-11.09935300	-1.74518300	4.17376400
H	-10.86696800	-1.22681600	3.23814200
H	-11.47174200	-2.74523800	3.92615300
H	-11.88583100	-1.18352100	4.69500000
C	-11.07489100	2.94134600	2.57340500
H	-10.84250600	3.45971200	1.63778300
H	-11.44728000	1.94129100	2.32579500
H	-11.86136900	3.50300800	3.09464100

3 strand PII-like structure with strands equivalent

C	-11.03544800	-2.20560400	-3.19214500
H	-11.17961600	-3.27877900	-3.35283100
H	-10.78150800	-1.73847100	-4.15053100
H	-11.96514200	-1.75571400	-2.83317300
C	-11.04775900	2.50208900	-1.57180100
H	-11.19307300	1.42844100	-1.72823700
H	-10.79367600	2.96521000	-2.53209400
H	-11.97687000	2.95432700	-1.21427300
C	-10.98760100	-1.26217800	1.67732200
H	-11.13209400	-2.33626000	1.52311900
H	-10.73460900	-0.80074100	0.71593100
H	-11.91685000	-0.81003900	2.03461900
C	-9.92068200	-1.90010400	-2.20226400
O	-9.79608600	-0.80606600	-1.64923500
C	-9.93233800	2.81032600	-0.58350600
O	-9.80643800	3.90639100	-0.03480500
C	-9.87174300	-0.95101400	2.66420500
O	-9.74640400	0.14624600	3.21064200
N	-9.05393700	-2.93045900	-1.98794400
H	-9.15797100	-3.78033900	-2.52838100
C	-7.84907800	-2.73991100	-1.21203500
C	-6.74425500	-2.00764100	-1.99613600
H	-8.09014200	-2.18860600	-0.29767400
H	-7.45366000	-3.72106500	-0.92536200
O	-6.64075400	-2.08919500	-3.22029200
N	-9.06656700	1.77993500	-0.36545200
H	-9.17165200	0.92805400	-0.90252400
C	-7.86124500	1.97229100	0.40929100
C	-6.75595100	2.70036300	-0.37804900
H	-8.10143200	2.52741500	1.32157000
H	-7.46672600	0.99186500	0.69966600
O	-6.65295800	2.61391300	-1.60191200
N	-9.00492100	-1.98021900	2.88368000
H	-9.10964900	-2.83325400	2.34837300
C	-7.79921300	-1.78528100	3.65717700
C	-6.69511500	-1.05781300	2.86760300
H	-8.03923000	-1.22855800	4.56852600
H	-7.40363400	-2.76478700	3.94921100
O	-6.59292200	-1.14659900	1.64384100
N	-5.88272900	-1.28674800	-1.22354400

H	-5.97437800	-1.32803000	-0.21602900
C	-4.69599700	-0.68835600	-1.79242200
C	-3.57340700	-1.71229400	-2.04344400
H	-4.95796400	-0.18064200	-2.72607400
H	-4.30733300	0.06091400	-1.09332800
O	-3.44182200	-2.72677400	-1.35829000
N	-5.89342500	3.42339600	0.39142100
H	-5.98476500	3.38615000	1.39912100
C	-4.70628200	4.01834900	-0.18020300
C	-3.58482200	2.99229500	-0.42760100
H	-4.96805700	4.52267200	-1.11574400
H	-4.31661400	4.76995300	0.51582100
O	-3.45402900	1.98037000	0.26147300
N	-5.83266800	-0.33250700	3.63502000
H	-5.92325600	-0.36783400	4.64285700
C	-4.64645300	0.26234200	3.06136800
C	-3.52427700	-0.76322700	2.81520000
H	-4.90933400	0.76458200	2.12501700
H	-4.25694000	1.01566300	3.75562200
O	-3.39211300	-1.77367000	3.50618500
N	-2.72980700	-1.39047800	-3.06500500
H	-2.84457600	-0.50110900	-3.53515500
C	-1.53028200	-2.15948000	-3.30955600
C	-0.40229100	-1.83875000	-2.31134000
H	-1.77070200	-3.22678900	-3.27556700
H	-1.15772900	-1.92484200	-4.31322300
O	-0.28654300	-0.73369700	-1.78088600
N	-2.74124900	3.30925200	-1.45070200
H	-2.85527700	4.19689100	-1.92429000
C	-1.54259200	2.53807800	-1.69265400
C	-0.41392800	2.86156300	-0.69608800
H	-1.78408400	1.47115600	-1.65440600
H	-1.17014900	2.76840800	-2.69735900
O	-0.29687300	3.96856500	-0.17000200
N	-2.68171300	-0.44756700	1.79086900
H	-2.79685100	0.43903200	1.31560500
C	-1.48255800	-1.21817800	1.54958700
C	-0.35346400	-0.89173800	2.54470100
H	-1.72309600	-2.28523200	1.59012200
H	-1.11103400	-0.98951700	0.54416000
O	-0.23699600	0.21640600	3.06850700
N	0.46457200	-2.86647600	-2.08519700
H	0.36069100	-3.72248800	-2.61589700

C	1.66934700	-2.66691700	-1.31142500
C	2.77413500	-1.94350800	-2.10375900
H	1.42814100	-2.10523300	-0.40344100
H	2.06487100	-3.64468000	-1.01353200
O	2.87774000	-2.03902900	-3.32689500
N	0.45196800	1.83384800	-0.46622200
H	0.34703200	0.97587300	-0.99353300
C	1.65721400	2.03520700	0.30634900
C	2.76246100	2.75438500	-0.48918800
H	1.41689400	2.60068500	1.21221200
H	2.05184700	1.05821500	0.60793100
O	2.86554400	2.65397300	-1.71197700
N	0.51348900	-1.91824400	2.77598200
H	0.40892300	-2.77735400	2.25044800
C	1.71911100	-1.71430800	3.54728900
C	2.82316400	-0.99574900	2.74953600
H	1.47894700	-1.14724400	4.45220100
H	2.11480900	-2.69035700	3.85052400
O	2.92546000	-1.09849500	1.52687500
N	3.63550700	-1.21372200	-1.33938800
H	3.54378700	-1.24350300	-0.33147400
C	4.82220500	-0.62171200	-1.91497700
C	5.94494700	-1.64830400	-2.15420000
H	4.56024300	-0.12473300	-2.85438800
H	5.21071700	0.13554700	-1.22445900
O	6.07661300	-2.65487300	-1.45749000
N	3.62484000	3.48628000	0.27202500
H	3.53343900	3.46053700	1.28007900
C	4.81193900	4.07482400	-0.30628400
C	5.93355400	3.04616200	-0.54187300
H	4.55015700	4.56839000	-1.24754300
H	5.20146100	4.83438400	0.38113200
O	6.06443800	2.04219400	0.15872600
N	3.68545000	-0.26159900	3.50867900
H	3.59479300	-0.28542300	4.51684700
C	4.87162300	0.32682800	2.92835500
C	5.99396400	-0.70132500	2.69400100
H	4.60873900	0.81830000	1.98630700
H	5.26097600	1.08808700	3.61398400
O	6.12622200	-1.70378800	3.39649300
N	6.78858300	-1.33806900	-3.17930700
H	6.67373500	-0.45414400	-3.65959600
C	7.98822700	-2.10965700	-3.41496600

C	9.11610100	-1.77739600	-2.42039500
H	7.74794500	-3.17654000	-3.36880400
H	8.36082700	-1.88645200	-4.42122100
O	9.23166300	-0.66633900	-1.90259200
N	6.77714900	3.35152400	-1.56847500
H	6.66303200	4.23367900	-2.05218000
C	7.97592600	2.57779900	-1.80152500
C	9.10448200	2.91280200	-0.80864900
H	7.73457600	1.51135000	-1.75110600
H	8.34840300	2.79668600	-2.80877300
O	9.22135400	4.02575800	-0.29523800
N	6.83655900	-0.39726600	1.66619100
H	6.72132900	0.48382900	1.18082000
C	8.03584100	-1.17041100	1.43381600
C	9.16481500	-0.83246100	2.42521700
H	7.79545400	-2.23696700	1.48652100
H	8.40740800	-0.95319800	0.42586900
O	9.28108600	0.28161100	2.93633800
N	9.99813900	-2.79861500	-2.22690300
N	9.98554900	1.89145000	-0.61146400
N	10.04691000	-1.85265500	2.62379400
H	9.75517800	-3.71162500	-2.59175800
H	9.74153300	0.97726700	-0.97266100
H	9.80343100	-2.76776400	2.26458500
C	11.13655400	-2.69086300	-1.32458700
H	10.92828000	-3.16503800	-0.35688400
H	12.02112000	-3.15850100	-1.77181400
H	11.33663800	-1.63124000	-1.15385300
C	11.12438700	2.00157300	0.29003200
H	10.91596600	1.53140100	1.25965500
H	12.00832100	1.53128900	-0.15566500
H	11.32560600	3.06165200	0.45654900
C	11.18629600	-1.73975600	3.52425400
H	10.97897800	-2.20818700	4.49495600
H	12.07032000	-2.21015600	3.07885700
H	11.38671300	-0.67917500	3.68852600

3 strand anti parallel sheet

C	-5.75127	4.21756	0.20953
N	-4.53699	5.00709	0.18564
H	-4.66752	6.01555	0.21396
C	-3.32412	4.42028	0.1188
O	-3.18273	3.19052	0.07175
C	-2.12505	5.37022	0.11131
N	-0.90429	4.60341	-0.01244
H	-0.96973	3.58339	-0.00246
C	-6.95515	5.16031	0.20806
O	-6.81711	6.38876	0.23463
N	-8.15676	4.53639	0.1838
H	-8.21074	3.51626	0.13919
C	-9.37606	5.3104	0.18483
C	-10.59599	4.39216	0.26751
O	-10.51271	3.16508	0.25283
N	-11.78948	5.04557	0.34792
H	-11.85086	6.05326	0.36952
H	-5.80506	3.54491	-0.65213
H	-9.38636	6.0119	1.03008
C	2.26812	0.57273	0.04906
C	3.4805	-0.34048	-0.13988
O	3.36808	-1.57552	-0.15855
N	4.65628	0.31054	-0.25605
H	4.67839	1.33184	-0.26943
C	5.90696	-0.4068	-0.42028
C	7.08874	0.48033	-0.02716
O	6.98557	1.71774	0.00517
N	8.23503	-0.18275	0.22788
H	8.24362	-1.20581	0.24569
N	1.03838	-0.19267	-0.01462
H	1.09759	-1.21296	-0.0408
C	-0.15673	0.43018	-0.01027
O	-0.28392	1.66496	0.01933
C	-1.36692	-0.50255	-0.03221
N	-2.59672	0.26141	-0.11807
H	-2.54384	1.28018	-0.06037
H	2.27838	1.36038	-0.70964
H	5.90478	-1.32316	0.17206
H	-1.35016	-1.12282	0.87288
C	1.48492	4.26194	-0.24872
N	2.70844	5.03815	-0.23059

H	2.58216	6.04722	-0.19107
C	3.91922	4.44609	-0.26105
O	4.0588	3.21569	-0.30082
C	5.12147	5.39208	-0.24723
N	6.34373	4.61988	-0.17774
H	6.27606	3.60001	-0.14254
C	7.54934	5.22876	-0.1843
O	7.70839	6.45453	-0.23925
C	0.29714	5.2166	-0.10145
O	0.45418	6.44323	-0.08003
H	1.38383	3.70146	-1.18651
H	5.04248	6.08058	0.60512
C	-4.9976	0.54974	-0.35299
C	-3.78381	-0.36962	-0.21912
O	-3.89862	-1.60461	-0.23437
N	-6.22595	-0.1991	-0.16163
H	-6.18679	-1.22044	-0.20394
C	-7.40174	0.43482	0.00969
O	-7.51753	1.67205	0.0179
C	-8.60622	-0.48139	0.22744
N	-9.83486	0.2885	0.20175
H	-9.77799	1.30711	0.20473
C	-11.04235	-0.30298	0.20597
O	-11.23491	-1.52691	0.22103
H	-4.96741	1.01161	-1.35054
H	-8.48224	-0.99551	1.19069
C	9.45486	0.52823	0.55916
H	9.48219	1.48525	0.03637
C	8.74635	4.27355	-0.11676
H	8.71505	3.58126	-0.96568
H	9.82117	6.07103	-0.18062
C	11.18682	4.51355	-0.08074
O	11.41015	3.29857	-0.01849
N	9.96124	5.06402	-0.12907
C	10.69451	-0.30245	0.21686
H	11.79396	1.45354	0.03557
O	10.6582	-1.5345	0.14592
N	11.81954	0.43408	0.05531
C	-5.74315	-5.2967	-0.28381
N	-4.51434	-4.53274	-0.27031
H	-4.58269	-3.5131	-0.27008
C	-3.3079	-5.14177	-0.25424
O	-3.14615	-6.36773	-0.24932

C	-2.11712	-4.17872	-0.24415
N	-0.8934	-4.95215	-0.1921
H	-1.01733	-5.96238	-0.19929
C	-6.93393	-4.33635	-0.24143
O	-6.77788	-3.10608	-0.25606
N	-8.15151	-4.90979	-0.19104
H	-8.29745	-5.91713	-0.16693
C	-9.35857	-4.11111	-0.14878
C	-10.56445	-5.04178	0.01711
O	-10.43073	-6.26774	0.01293
N	-11.74285	-4.38619	0.1529
H	-11.77374	-3.36761	0.18995
H	-5.81058	-5.92081	-1.18597
H	-2.19545	-3.50079	0.61201
H	-9.33055	-3.39321	0.6764
C	1.51803	-5.30049	-0.08632
N	2.73567	-4.52323	-0.01437
H	2.66159	-3.50554	-0.06092
C	3.9441	-5.12115	0.09646
O	4.11224	-6.34507	0.13786
C	5.11977	-4.14492	0.17704
N	6.35582	-4.89646	0.23721
H	6.25654	-5.90875	0.24213
C	7.55123	-4.27264	0.28727
O	7.64728	-3.03579	0.277
C	0.31436	-4.35647	-0.13
O	0.44994	-3.12432	-0.11254
H	1.51013	-5.94318	-0.97794
H	5.00124	-3.50625	1.06089
C	8.77474	-5.18221	0.3681
H	8.73417	-5.93449	-0.43137
H	9.92535	-3.38035	0.23884
C	11.19985	-5.00052	0.25238
O	11.38238	-6.2166	0.30751
N	9.98493	-4.39805	0.27044
H	-2.12698	5.96495	1.03581
H	8.7414	-5.74215	1.31467
H	9.50275	0.75208	1.63615
H	8.67893	3.65925	0.78748
H	5.10471	6.01546	-1.15203
H	-2.22118	6.08461	-0.71727
H	-9.45769	5.92284	-0.72549
H	-8.61882	-1.26443	-0.5357

H	-5.79204	3.57861	1.09989
H	-1.27776	-1.19922	-0.87215
H	1.47219	3.52013	0.55524
H	-4.92667	1.36984	0.36509
H	2.36524	1.08291	1.0173
H	6.05527	-0.71201	-1.46731
H	5.10375	-3.47527	-0.68897
H	1.43169	-5.97059	0.77971
H	-5.78735	-5.9827	0.57273
H	-2.14992	-3.54655	-1.13901
H	-9.48071	-3.52681	-1.06937
H	12.02666	-4.26921	0.17934
H	12.68343	-0.05751	-0.13053
H	12.00355	5.25672	-0.10162
H	-12.63907	4.49931	0.39233
H	-11.87501	0.42073	0.19167
H	-12.58281	-4.93542	0.27119

3 strand anti parallel sheet restricted with Cs symmetry

C	-0.0068813737	-5.910043775	0.000000000
N	0.6569957542	-4.6217969168	0.000000000
H	1.6785174683	-4.5978152338	0.000000000
C	-0.0627162503	-3.4832080649	0.000000000
O	-1.3032482566	-3.4590650659	0.000000000
C	0.7641973991	-2.1987479534	0.000000000
N	-0.1070989707	-1.0408927312	0.000000000
H	-1.118613138	-1.1905182134	0.000000000
C	1.023340817	-7.0368246128	0.000000000
O	2.2440427718	-6.8049416381	0.000000000
N	0.5096009381	-8.2819163941	0.000000000
H	-0.5025510053	-8.4319499619	0.000000000
C	1.3934447954	-9.428143726	0.000000000
C	0.6046704346	-10.7382135923	0.000000000
O	-0.6291964531	-10.7667714798	0.000000000
N	1.39299038	-11.8399971053	0.000000000
H	2.4098289356	-11.7629124065	0.000000000
H	-0.6596206028	-6.0185411018	0.8734334368
H	1.4249417058	-2.1955421669	-0.8745570439
H	2.0534537211	-9.4150005775	-0.8756626401
C	-4.347620573	1.7557030482	0.000000000
C	-5.4058331849	2.8631612519	0.000000000
O	-6.6141792516	2.6005858068	0.000000000
N	-4.8991897648	4.1163418545	0.000000000
H	-3.8888912562	4.270028111	0.000000000
C	-5.763635655	5.277006629	0.000000000
C	-4.9061159927	6.5445722788	0.000000000
O	-3.6673053791	6.4915006775	0.000000000
N	-5.5784271985	7.7118973818	0.000000000
H	-6.5945022609	7.7766864821	0.000000000
N	-5.0167468224	0.4705790924	0.000000000
H	-6.0337658273	0.5098218761	0.000000000
C	-4.3209421185	-0.6847010428	0.000000000
O	-3.0818510721	-0.7151458562	0.000000000
C	-5.1592461615	-1.9654126918	0.000000000
N	-4.2821635697	-3.1160973453	0.000000000
H	-3.2734920943	-2.9543040389	0.000000000
H	-3.6993908456	1.8653271986	0.8763405142
H	-6.4214485203	5.2773694343	-0.8799789006
H	-5.8175284276	-1.9733133728	-0.8797475567
C	-0.6213449428	1.3287461067	0.000000000
N	0.0408771193	2.6178667243	0.000000000

H	1.0625006331	2.6418594368	0.000000000
C	-0.6811584157	3.755677796	0.000000000
O	-1.9213225046	3.7761536587	0.000000000
C	0.1454203832	5.0411163787	0.000000000
N	-0.7213614744	6.2034963659	0.000000000
H	-1.7345149683	6.0608140535	0.000000000
C	-0.197441933	7.4434490562	0.000000000
O	1.0252553174	7.666052729	0.000000000
C	0.4105677918	0.2022262352	0.000000000
O	1.6306016637	0.4333739284	0.000000000
H	-1.2734493353	1.2199821324	0.874308638
H	0.8059634056	5.0427750483	-0.8747461406
C	-3.7094134946	-5.4716016745	0.000000000
C	-4.7779491868	-4.375146773	0.000000000
O	-5.9842599903	-4.6455613139	0.000000000
N	-4.3585179063	-6.7663351021	0.000000000
H	-5.3755553655	-6.7482548274	0.000000000
C	-3.6421345601	-7.9107350201	0.000000000
O	-2.4019067627	-7.9111622566	0.000000000
C	-4.4542825743	-9.2042341617	0.000000000
N	-3.5670788363	-10.3453374642	0.000000000
H	-2.558788875	-10.1961773771	0.000000000
C	-4.0614583682	-11.6081345672	0.000000000
O	-5.2585718104	-11.8942329769	0.000000000
H	-3.0619039126	-5.3527551028	0.8757016055
H	-5.115179318	-9.2216951916	-0.8783632544
C	-4.8797796593	8.9801201537	0.000000000
H	-4.2315541523	9.0759179243	0.8780592136
H	-4.2315541523	9.0759179243	-0.8780592136
C	-1.2179688158	8.5811725817	0.000000000
H	-1.8701541266	8.4801935038	-0.87518031
H	-1.8701541266	8.4801935038	0.87518031
H	0.4792910672	9.8816042662	0.000000000
C	-1.2239296175	11.0208344869	0.000000000
O	-2.4594218981	11.1158522035	0.000000000
N	-0.5408398959	9.8630044049	0.000000000
H	0.8059634056	5.0427750483	0.8747461406
H	-1.2734493353	1.2199821324	-0.874308638
H	1.4249417058	-2.1955421669	0.8745570439
H	-0.6596206028	-6.0185411018	-0.8734334368
H	2.0534537211	-9.4150005775	0.8756626401
H	-5.115179318	-9.2216951916	0.8783632544
H	-5.8175284276	-1.9733133728	0.8797475567
H	-6.4214485203	5.2773694343	0.8799789006

C	-5.9083128411	10.1155643284	0.0000000000
H	-4.3409078039	11.4726298082	0.0000000000
O	-7.1191047336	9.8809171123	0.0000000000
N	-5.3535373287	11.3519687575	0.0000000000
H	-3.0619039126	-5.3527551028	-0.8757016055
H	-3.6993908456	1.8653271986	-0.8763405142
C	5.1698912053	2.5635710074	0.0000000000
C	4.1231821372	3.6798461433	0.0000000000
O	2.9089901616	3.4357811981	0.0000000000
N	4.6071071087	4.9393977453	0.0000000000
H	5.6013378068	5.1547943354	0.0000000000
C	3.718763683	6.0840216165	0.0000000000
C	4.5582468036	7.3620788848	0.0000000000
O	5.7943085723	7.3254735955	0.0000000000
N	3.8384395226	8.5091020306	0.0000000000
H	2.8162058214	8.4818394605	0.0000000000
N	4.5035852489	1.2789705856	0.0000000000
H	3.4814616653	1.2633451581	0.0000000000
C	5.2105643748	0.12646118	0.0000000000
O	6.4460885652	0.0694714297	0.0000000000
C	4.352220833	-1.1413961811	0.0000000000
N	5.2266917251	-2.2971000582	0.0000000000
H	6.2229339797	-2.0893624145	0.0000000000
H	5.8195841973	2.6686255145	0.8798441895
H	3.060686139	6.0764330995	-0.8757406494
H	3.69426325	-1.1410302682	-0.8758842083
C	5.7712857546	-4.6759696038	0.0000000000
C	4.7326109823	-3.5520659043	0.0000000000
O	3.5167393114	-3.7888834813	0.0000000000
N	5.0977719342	-5.9576964702	0.0000000000
H	4.0753685224	-5.970654124	0.0000000000
C	5.8023889525	-7.1101959985	0.0000000000
O	7.038450952	-7.1673632644	0.0000000000
C	4.9487607798	-8.3840894079	0.0000000000
N	5.8401874642	-9.5276209301	0.0000000000
H	6.8323719468	-9.2991829807	0.0000000000
C	5.4020591523	-10.7990569734	0.0000000000
O	4.2116727387	-11.1352592514	0.0000000000
H	6.4217764111	-4.575897413	0.8797043562
H	4.2923904194	-8.3905834178	-0.8768105314
C	4.513340206	9.786074507	0.0000000000
H	5.1657720156	9.8831940322	0.8794829549
H	5.1657720156	9.8831940322	-0.8794829549
H	4.2923904194	-8.3905834178	0.8768105314

H	3.69426325	-1.1410302682	0.8758842083
H	3.060686139	6.0764330995	0.8757406494
C	3.500177089	10.9314502806	0.000000000
H	5.0567176626	12.3176982812	0.000000000
O	2.2837413019	10.7502211819	0.000000000
N	4.0569592129	12.175719366	0.000000000
H	6.4217764111	-4.575897413	-0.8797043562
H	5.8195841973	2.6686255145	-0.8798441895
H	6.2187589847	-11.54293502	0.000000000
H	0.9452306966	-12.7460371709	0.000000000
H	-3.2592261027	-12.3700537718	0.000000000
H	-5.9713823988	12.1516172307	0.000000000
H	-0.5679758153	11.9080393341	0.000000000
H	3.4452148124	12.9806626659	0.000000000

3 strand parallel pleated sheet

C	-9.50338600	-4.89078600	2.37246700
O	-8.79436000	-5.86863700	2.63288400
H	-9.97195700	-3.32489100	1.09270300
N	-9.49383100	-4.22313900	1.19441200
C	-8.58287300	-4.61681300	0.12796400
C	-7.17719600	-4.03696600	0.34724800
O	-6.81953500	-2.99417100	-0.22533200
H	-8.53962900	-5.70987300	0.08445500
H	-6.83072300	-5.51758700	1.69331400
N	-6.40682300	-4.72262900	1.22010600
C	-5.07174500	-4.28691700	1.59393400
C	-3.97231200	-5.11992500	0.90876800
O	-4.00122600	-6.35100700	0.90695900
H	-4.96714500	-3.22693300	1.35517300
H	-3.05857000	-3.35917600	0.31753100
N	-2.96692700	-4.37461900	0.36606900
C	-1.82151000	-5.00267200	-0.25978700
C	-0.51967400	-4.32307300	0.17223400
O	-0.44797500	-3.08804900	0.26687900
H	-1.84132900	-6.06525300	-0.00253900
H	0.43945900	-6.14360800	0.24139200
N	0.52630900	-5.14738400	0.41010400
C	1.85400900	-4.65512800	0.73037900
C	2.91006100	-5.35473600	-0.13006400
O	2.76170500	-6.51726000	-0.51617000
H	1.87800100	-3.57345800	0.59797000
H	4.02118100	-3.61456200	-0.12579800
N	4.01952500	-4.60661300	-0.36401500
C	5.15249900	-5.14848400	-1.08146400
C	6.42147000	-4.36131300	-0.74724500
O	6.36231400	-3.25584700	-0.18463700
H	5.26934400	-6.20718600	-0.82641400
H	7.57199700	-5.77592800	-1.70438800
N	7.58107900	-4.94217000	-1.12346000
C	8.86392000	-4.26997400	-1.01805100
C	9.63156800	-4.40039800	-2.34005300
O	9.43384800	-5.35054100	-3.09766400
H	10.53696400	-2.57499300	-1.97242500
N	10.54956800	-3.41884800	-2.54191700
H	8.71427000	-3.22344800	-0.75255200
C	-10.52187200	-0.43727300	0.18569200
O	-10.39084700	-1.62449800	0.50743400

H	-9.91334000	1.26311700	-0.73771900
N	-9.66897500	0.28333100	-0.57254600
C	-8.42755200	-0.25750100	-1.10716800
C	-7.21454800	0.52600900	-0.58588800
O	-7.19200700	1.76697200	-0.66401200
H	-8.36050500	-1.31558000	-0.85024000
H	-6.29107800	-1.23324500	-0.04517100
N	-6.20804300	-0.21079800	-0.07259900
C	-5.01683500	0.42335000	0.47522800
C	-3.75587900	-0.33527600	0.06245000
O	-3.65414500	-1.54920900	0.28017500
H	-4.99442100	1.46263600	0.14791300
H	-2.97586400	1.40047400	-0.70375200
N	-2.78622900	0.41532100	-0.51611400
C	-1.52138500	-0.17031200	-0.93189900
C	-0.32209900	0.47824100	-0.22994000
O	-0.18641400	1.71346400	-0.22314700
H	-1.56246100	-1.24298500	-0.73659200
H	0.34150800	-1.38252900	0.33200100
N	0.56275900	-0.38211600	0.31929500
C	1.79128900	0.07819300	0.94980700
C	3.02296400	-0.56384900	0.29903600
O	3.12719500	-1.79643100	0.22756200
H	1.82409500	1.16686900	0.88718100
H	3.80134700	1.30552700	-0.08087800
N	3.96113400	0.30005600	-0.15757900
C	5.19923100	-0.17560000	-0.75449400
C	6.41880400	0.31824300	0.02738400
O	6.54481000	1.52721000	0.28260400
H	5.16296200	-1.26456900	-0.79651400
H	7.10841500	-1.60392900	0.18121500
N	7.31793600	-0.62151500	0.38373000
C	8.55375700	-0.28190100	1.06746100
C	9.77838200	-0.28903600	0.13204100
O	9.95365400	-1.20674500	-0.67962900
H	10.44976200	1.54107300	0.90021800
N	10.64860500	0.72803300	0.31359000
H	8.43785200	0.69210400	1.54681300
C	-10.86147400	4.14810000	-0.61902900
O	-10.89673900	2.91509800	-0.69105500
H	-9.86021700	5.93012900	-0.85792800
N	-9.83728200	4.92877300	-1.02418800
C	-8.58659900	4.39208900	-1.53343100
C	-7.42250100	5.24588300	-1.02599800

O	-7.55795600	6.45792700	-0.82546900
H	-8.47940800	3.35004300	-1.23128600
H	-6.26188900	3.55130700	-0.86372600
N	-6.25240100	4.57352700	-0.88160000
C	-5.05108600	5.26727700	-0.46394000
C	-3.80991100	4.43477800	-0.78947500
O	-3.86299100	3.19895900	-0.87098100
H	-5.01506000	6.24763400	-0.94966800
H	-2.65031200	6.14585900	-0.80307300
N	-2.66506700	5.13998400	-0.93816500
C	-1.37401500	4.49779700	-1.10795000
C	-0.31175800	5.24025400	-0.29476300
O	-0.38896000	6.45723300	-0.09971100
H	-1.44159600	3.44956300	-0.81728100
H	0.62606300	3.43621200	0.03506700
N	0.71122400	4.45130900	0.12786600
C	1.84692000	5.00413200	0.83800700
C	3.14971400	4.36566700	0.34821400
O	3.22877800	3.14752200	0.15295700
H	1.83285100	6.08903900	0.70206900
H	4.05435100	6.20804800	0.36487600
N	4.18954100	5.22292800	0.17428500
C	5.52252600	4.78661000	-0.22247800
C	6.54875100	5.06437100	0.88518700
O	6.86115700	6.22384500	1.19614300
H	5.46697500	3.72328900	-0.46243700
H	6.85622700	3.03761400	1.07586900
N	7.05762700	3.95907900	1.47650700
C	8.08396600	4.04887000	2.50424900
C	9.47324800	4.20105200	1.86338400
O	10.22777900	3.23606600	1.69431400
H	9.02892900	6.16425300	1.47227900
N	9.77376000	5.47075800	1.48695600
H	7.86849800	4.90229900	3.15437100
H	-8.56683600	4.43182700	-2.63277000
H	-5.04793100	5.45233100	0.62244400
H	-1.05930100	4.53171000	-2.16158600
H	1.77988900	4.80273000	1.91843800
H	5.84177300	5.34676500	-1.10920500
H	8.08458400	3.12859100	3.09252700
H	8.75025600	-1.03088500	1.84440900
H	5.30016700	0.21752500	-1.77519900
H	1.80296000	-0.21941100	2.00687100
H	-1.37237500	-0.01040000	-2.00862700

H	-5.04735700	0.40259900	1.57454900
H	-8.42007900	-0.15976000	-2.20140200
H	-8.95736200	-4.22246900	-0.81881600
H	-4.94312100	-4.42588400	2.67424000
H	-1.87284300	-4.92239400	-1.35706600
H	2.09748500	-4.87266000	1.78079700
H	5.00514200	-5.10244200	-2.17258700
H	9.47821600	-4.73141300	-0.23180000
H	10.61140900	5.62316200	0.93934700
H	11.48379300	0.73641400	-0.25835200
H	11.08726000	-3.44633200	-3.39813300
H	-10.23042200	-4.47920900	3.09630400
H	-11.39482400	0.15799300	0.50483900
H	-11.70636200	4.72824700	-0.20533500

3 strand anti parallel rippled sheet

O	-6.38212300	6.42669600	1.33252700
C	-6.50607500	5.20065500	1.25432000
C	-5.30384700	4.26503800	1.29089800
N	-7.70823200	4.57269400	1.17513800
N	-4.11222900	5.00619700	0.92791600
H	-5.22016100	3.85943300	2.31022800
H	-5.44903700	3.41265300	0.62549900
H	-7.75778600	3.57587500	0.96300800
C	-8.92144100	5.35798700	1.17803900
H	-4.16135200	6.01545900	1.03098900
C	-3.02109100	4.38702200	0.43530900
C	-10.14781300	4.45551200	1.26641200
H	-9.01317200	5.96023200	0.26038300
H	-8.90389400	6.06910500	2.01275200
C	-1.87031900	5.29334100	0.00823500
O	-2.95189700	3.15539200	0.29706300
O	-10.09523200	3.24833400	1.02680100
N	-11.30547800	5.09205300	1.58931100
N	-0.61004300	4.60434800	0.19835500
H	-2.03122800	5.55807000	-1.04899300
H	-1.86027100	6.23165900	0.57212500
H	-11.32935100	6.07504500	1.82021700
C	0.55912400	5.29284400	0.20597400
H	-0.59722900	3.58336600	0.16385600
C	1.78546200	4.43288900	0.49898800
O	0.64694900	6.51437600	0.04479000
N	2.96777600	5.06721000	-0.05227500
H	1.86845300	4.33509200	1.59191400
H	1.67210200	3.42764500	0.09214400
C	4.01865700	4.34340900	-0.49288900
H	2.93242800	6.07701700	-0.15123500
C	5.15144600	5.13807700	-1.13957100
O	4.06533600	3.10666400	-0.41382000
N	6.41034700	4.44711000	-0.94231100
H	4.91568200	5.24532800	-2.21014700
H	5.21743800	6.15119500	-0.72845500
C	7.58309700	5.05945300	-1.23615700
H	6.39682800	3.44101200	-0.75559200
C	8.82748400	4.23073100	-0.91475900
O	7.67404500	6.20922300	-1.68245600
N	9.92390600	4.66870500	-1.76006400
H	9.06664700	4.38623400	0.14782500

H	8.63968700	3.16547500	-1.05387800
C	10.88867500	3.83394700	-2.19704600
H	9.86888700	5.62380000	-2.10145100
O	10.99017000	2.63829200	-1.89922600
O	0.33274200	1.72861900	-0.06981500
C	0.38979200	0.50361300	-0.25994500
C	1.61818300	-0.13475000	-0.92331000
N	-0.61713800	-0.35591500	0.03326700
N	2.87074900	0.35950100	-0.36947100
H	1.60881900	-1.22023200	-0.82207200
H	1.55334900	0.11468300	-1.99258800
H	-0.43636300	-1.35825100	-0.05240500
C	-1.85415200	0.09940500	0.65174500
C	3.86511100	-0.48487300	0.00321600
H	3.06339400	1.36211500	-0.37339300
O	0.51201800	-3.08437500	-0.10163900
C	-3.10675400	-0.42608100	-0.06642300
H	-1.83801600	1.18902200	0.67996100
H	-1.91644900	-0.27237700	1.68500400
C	5.10919800	0.19447300	0.59303700
O	3.78518100	-1.72031000	-0.06587900
C	0.43094100	-4.32236600	-0.04553400
O	-3.20049100	-1.61437900	-0.40514800
N	-4.09532800	0.48984100	-0.23339200
N	6.34740200	-0.37230100	0.08266900
H	5.11344600	1.26525000	0.38897600
H	5.05280600	0.04524300	1.68082900
C	1.54809700	-5.15325800	0.57995300
N	-0.64026800	-5.00674600	-0.49342800
H	-3.88886600	1.46702900	-0.01734800
C	-5.35664400	0.15231300	-0.88214900
C	7.30300300	0.39875500	-0.48582000
H	6.56467400	-1.35403300	0.26843200
N	2.83180600	-4.56201700	0.25417100
H	1.37712300	-5.17424900	1.66787000
H	1.52789700	-6.19182400	0.23449400
H	-0.69972100	-6.01835800	-0.42625200
C	-1.80307600	-4.33187400	-1.03748300
C	-6.57405900	0.53335700	-0.02398200
H	-5.34427500	-0.91525000	-1.10669300
H	-5.45216800	0.71036100	-1.82367800
C	8.55352100	-0.35469300	-0.97188900
O	7.19524100	1.62318000	-0.65562400
C	3.98139600	-5.25737200	0.45018000

H	2.87420300	-3.55908100	0.06358100
C	-3.03874200	-5.20041200	-0.81992100
H	-1.69156500	-4.17449300	-2.12079700
H	-1.92215200	-3.34902100	-0.58040400
O	-6.73909500	1.69800500	0.37287700
N	-7.43787300	-0.47886300	0.23158700
N	9.78939600	0.31072900	-0.59643400
H	8.57242900	-1.37264400	-0.57938700
H	8.48458400	-0.39725000	-2.06651500
C	5.23825000	-4.53101900	-0.02331500
O	4.03004700	-6.40081200	0.91450900
O	-2.95602600	-6.42687300	-0.70074200
N	-4.20807100	-4.51370400	-0.82529100
H	-7.21517900	-1.41648600	-0.11394700
C	-8.62308000	-0.28905500	1.05716800
C	10.58946700	-0.15636500	0.39025600
H	10.09378200	1.15411000	-1.08977600
N	6.38560700	-4.98038100	0.74384500
H	5.36650400	-4.76274500	-1.09167800
H	5.12953600	-3.44983500	0.06721900
H	-4.20406200	-3.49567300	-0.75334300
C	-5.47171700	-5.21061500	-0.69997700
C	-9.92819200	-0.49532000	0.26909800
H	-8.57228300	0.71233800	1.48898800
H	-8.62793700	-1.03111100	1.86469200
O	10.38585500	-1.15852800	1.08172300
C	7.41710300	-4.15394200	1.02721700
H	6.33934100	-5.92292200	1.11821800
C	-6.61878100	-4.24970900	-1.00217100
H	-5.61798900	-5.59811500	0.32057200
H	-5.48542900	-6.07631400	-1.37071800
O	-10.24200900	-1.61483200	-0.15813100
N	-10.69753900	0.60167800	0.10104400
C	8.53692800	-4.75380400	1.87416900
O	7.46007100	-2.98029200	0.62929400
O	-6.50207900	-3.03093900	-0.78953500
N	-7.74444300	-4.81737100	-1.47692100
H	-10.43491500	1.52381900	0.44492000
N	9.61346700	-3.80256800	2.02582100
H	8.13032300	-5.04548100	2.85374300
H	8.89490000	-5.68221100	1.40648000
H	-7.82860500	-5.82635300	-1.56705300
C	-8.96918100	-4.06837100	-1.68627200
H	9.55429000	-2.88579200	1.57926900

C	10.71516000	-4.12201500	2.74945100
C	-10.16792800	-4.95077100	-1.32275400
H	-9.07523900	-3.78108400	-2.74250800
H	-8.95614300	-3.15427900	-1.09222800
O	10.88937800	-5.19860600	3.32254600
O	-10.09738400	-6.17831600	-1.38542500
N	-11.28543200	-4.24931100	-0.99097900
H	-11.20051000	-3.26981000	-0.72828800
H	-12.09994500	-4.77785300	-0.70682900
H	-11.56049500	0.49399900	-0.41675500
H	-12.16371600	4.55834800	1.62594900
H	11.61499700	4.32610300	-2.86915000
H	11.49100700	0.46852800	0.52358900
H	11.45248300	-3.29881700	2.77059200

3 strand anti parallel sheets with strands equivalent

C	12.46280800	5.13007300	-0.00038800
H	12.20537700	6.19195900	-0.02786600
H	13.07733700	4.87123800	-0.86640600
H	13.04983400	4.91291600	0.89564400
C	-12.31626400	0.54392800	0.00096100
H	-12.05766300	1.60552600	0.02858100
H	-12.93107800	0.28565400	0.86694400
H	-12.90352800	0.32753900	-0.89510000
C	12.45773800	-4.06971800	-0.00100600
H	12.20030700	-3.00783200	-0.02848300
H	13.07226600	-4.32855400	-0.86702400
H	13.04476300	-4.28687500	0.89502600
C	11.23905600	4.23570100	0.00143000
O	11.34336500	3.00145400	0.00707000
C	-11.09349800	-0.35179300	-0.00097700
O	-11.19916800	-1.58592200	-0.00678300
C	11.23398600	-4.96409100	0.00081200
O	11.33829500	-6.19833700	0.00645200
N	10.02673500	4.84391600	-0.00217200
H	9.95447700	5.86098300	-0.00566200
C	8.79949200	4.07310800	-0.00021600
C	7.59744400	5.01668400	-0.00204700
H	8.74627100	3.41473400	-0.87515800
H	8.74695800	3.41818900	0.87732900
O	7.74412200	6.24661900	-0.00676200
N	-9.88050800	0.25508600	0.00270700
H	-9.80712900	1.27207200	0.00633300
C	-8.65411500	-0.51707400	0.00064600
C	-7.45102800	0.42517600	0.00260400
H	-8.60162000	-1.17562400	0.87550000
H	-8.60230300	-1.17193300	-0.87698600
O	-7.59635000	1.65527100	0.00748500
N	10.02166500	-4.35587500	-0.00279000
H	9.94940700	-3.33880800	-0.00627900
C	8.79442100	-5.12668300	-0.00083300
C	7.59237400	-4.18310700	-0.00266400
H	8.74120000	-5.78505700	-0.87577600
H	8.74188800	-5.78160200	0.87671100
O	7.73905200	-2.95317300	-0.00738000
N	6.38815400	4.42011200	0.00152300
H	6.30907200	3.40355300	0.00490700
C	5.16611100	5.19913900	-0.00029800

C	3.95775800	4.26365000	0.00148500
H	5.11734700	5.85776100	0.87471800
H	5.11793500	5.85449000	-0.87776900
O	4.09618000	3.03275800	0.00606300
N	-6.24239600	-0.17272800	-0.00104600
H	-6.16443500	-1.18937300	-0.00456600
C	-5.01949500	0.60495100	0.00087900
C	-3.81217500	-0.33186900	-0.00102900
H	-4.97000500	1.26363700	-0.87404700
H	-4.97059700	1.26013100	0.87843900
O	-3.95195300	-1.56260600	-0.00577300
N	6.38308400	-4.77967900	0.00090500
H	6.30400200	-5.79623800	0.00428900
C	5.16104000	-4.00065300	-0.00091500
C	3.95268800	-4.93614100	0.00086800
H	5.11227700	-3.34203000	0.87410000
H	5.11286500	-3.34530100	-0.87838700
O	4.09111000	-6.16703300	0.00544500
N	2.75249900	4.86832400	-0.00196700
H	2.68024000	5.88539200	-0.00523900
C	1.52525500	4.09751600	-0.00017600
C	0.32320800	5.04109200	-0.00180600
H	1.47203500	3.43932900	-0.87526000
H	1.47272100	3.44240900	0.87722800
O	0.46988600	6.27102800	-0.00625900
N	-2.60624900	0.27147600	0.00250500
H	-2.53287000	1.28846300	0.00591300
C	-1.37985600	-0.50068400	0.00061000
C	-0.17676900	0.44156600	0.00236700
H	-1.32736100	-1.15904700	0.87560500
H	-1.32804400	-1.15573100	-0.87688200
O	-0.32209200	1.67166200	0.00698400
N	2.74742900	-4.33146700	-0.00258500
H	2.67517000	-3.31440000	-0.00585700
C	1.52018500	-5.10227600	-0.00079400
C	0.31813800	-4.15869900	-0.00242400
H	1.46696500	-5.76046300	-0.87587800
H	1.46765100	-5.75738300	0.87661000
O	0.46481600	-2.92876400	-0.00687700
N	-0.88608200	4.44451900	0.00163500
H	-0.96516400	3.42795900	0.00480100
C	-2.10812600	5.22354600	-0.00002000
C	-3.31647800	4.28805700	0.00156200
H	-2.15689000	5.88198200	0.87513600

H	-2.15630000	5.87908500	-0.87735200
O	-3.17805700	3.05716500	0.00587600
N	1.03186300	-0.15633900	-0.00115500
H	1.10982400	-1.17298500	-0.00445700
C	2.25476400	0.62134100	0.00060500
C	3.46208400	-0.31547900	-0.00110300
H	2.30425400	1.27983900	-0.87446300
H	2.30366100	1.27670800	0.87802400
O	3.32230600	-1.54621800	-0.00558300
N	-0.89115200	-4.75527200	0.00101700
H	-0.97023400	-5.77183200	0.00418300
C	-2.11319600	-3.97624500	-0.00063800
C	-3.32154800	-4.91173400	0.00094400
H	-2.16196000	-3.31781000	0.87451800
H	-2.16137100	-3.32070600	-0.87797000
O	-3.18312700	-6.14262700	0.00525900
N	-4.52173800	4.89273200	-0.00176200
H	-4.59399600	5.90980000	-0.00481600
C	-5.74898100	4.12192300	-0.00013700
C	-6.95102900	5.06550000	-0.00156600
H	-5.80220100	3.46392400	-0.87536200
H	-5.80151600	3.46662800	0.87712700
O	-6.80435100	6.29543600	-0.00575500
N	4.66801000	0.28786600	0.00230200
H	4.74138900	1.30485400	0.00549300
C	5.89440300	-0.48429500	0.00057400
C	7.09749000	0.45795600	0.00212900
H	5.94689700	-1.14247000	0.87571000
H	5.94621600	-1.13952900	-0.87677800
O	6.95216700	1.68805300	0.00648300
N	-4.52680800	-4.30705900	-0.00238000
H	-4.59906600	-3.28999100	-0.00543400
C	-5.75405100	-5.07786800	-0.00075500
C	-6.95609900	-4.13429100	-0.00218400
H	-5.80727100	-5.73586800	-0.87597900
H	-5.80658600	-5.73316300	0.87650900
O	-6.80942100	-2.90435500	-0.00637300
N	-8.16031900	4.46892600	0.00174600
H	-8.23940000	3.45236600	0.00469500
C	-9.38236200	5.24795400	0.00025800
C	-10.59071400	4.31246400	0.00163800
H	-9.43112700	5.90620200	0.87555500
H	-9.43053600	5.90368000	-0.87693400
O	-10.45229300	3.08157100	0.00569000

N	8.30612100	-0.13994900	-0.00126400
H	8.38408300	-1.15659600	-0.00434900
C	9.52902300	0.63773000	0.00033000
C	10.73634300	-0.29909000	-0.00117700
H	9.57851400	1.29604200	-0.87487900
H	9.57792000	1.29328600	0.87760900
O	10.59656500	-1.52983000	-0.00539300
N	-8.16538900	-4.73086500	0.00112900
H	-8.24447100	-5.74742600	0.00407700
C	-9.38743200	-3.95183800	-0.00036000
C	-10.59578400	-4.88732700	0.00102000
H	-9.43619800	-3.29359000	0.87493700
H	-9.43560600	-3.29611100	-0.87755200
O	-10.45736300	-6.11822000	0.00507200
N	-11.79597400	4.91714000	-0.00155700
H	-11.86823200	5.93420900	-0.00439400
C	-13.02321800	4.14633100	-0.00009800
H	-13.08612400	3.49584700	-0.87957600
H	-13.09767200	3.51544200	0.89289400
N	11.94226900	0.30425600	0.00210000
H	12.09096600	1.31299000	0.00396000
C	13.10793600	-0.55684400	0.00098900
H	13.12161400	-1.20990600	0.88069900
H	13.13466800	-1.19186700	-0.89177600
N	-11.80104400	-4.28265100	-0.00217500
H	-11.87330300	-3.26558300	-0.00501100
C	-13.02828800	-5.05346100	-0.00071600
H	-13.09119400	-5.70394400	-0.88019300
H	-13.10274200	-5.68434900	0.89227600
H	-13.87195600	4.83617400	-0.01309000
H	14.00624600	0.06708400	0.01379100
H	-13.87702600	-4.36361700	-0.01370800

3 strand parallel sheet with strands equivalent

H	11.86566700	-6.14491200	0.66645300
C	11.90322300	-5.05347700	0.70689000
H	11.96511200	-4.72761600	1.75096000
H	12.80152800	-4.69194700	0.19645200
H	11.89583800	-1.30827100	0.66123400
C	11.93339400	-0.21683600	0.70167100
H	11.99528300	0.10902400	1.74574100
H	12.83169900	0.14469300	0.19123200
H	11.92600900	3.52837000	0.65601500
C	11.96356500	4.61980500	0.69645200
H	12.02545400	4.94566500	1.74052200
H	12.86187000	4.98133400	0.18601300
C	10.68787800	-4.39126800	0.07579500
O	10.61215200	-3.16078500	-0.03356900
C	10.71804900	0.44537300	0.07057600
O	10.64232300	1.67585500	-0.03878800
C	10.74822000	5.28201300	0.06535700
O	10.67249400	6.51249600	-0.04400800
N	9.69602000	-5.23428700	-0.32404600
H	9.83989300	-6.24035100	-0.25740000
C	8.45328300	-4.74234000	-0.89681300
C	7.24623500	-5.41724000	-0.23826100
H	8.43235500	-3.65740500	-0.78211000
H	8.40376900	-4.98060000	-1.96917700
O	7.18952200	-6.64997500	-0.13534600
N	9.72619000	-0.39764700	-0.32926500
H	9.87006400	-1.40371000	-0.26261900
C	8.48345400	0.09430100	-0.90203200
C	7.27640600	-0.58060000	-0.24348000
H	8.46252600	1.17923600	-0.78733000
H	8.43394000	-0.14395900	-1.97439600
O	7.21969300	-1.81333400	-0.14056500
N	9.75636100	4.43899400	-0.33448400
H	9.90023500	3.43293100	-0.26783800
C	8.51362500	4.93094100	-0.90725100
C	7.30657700	4.25604100	-0.24869900
H	8.49269700	6.01587700	-0.79254900
H	8.46411100	4.69268100	-1.97961500
O	7.24986400	3.02330600	-0.14578400
N	6.26851300	-4.57605900	0.17821000
H	6.41277100	-3.57031600	0.10768300

C	5.03647000	-5.06526400	0.77588600
C	3.81783000	-4.38893800	0.14055300
H	5.01142100	-6.15027800	0.66275800
H	5.00852100	-4.82582900	1.84876600
O	3.76121600	-3.15621100	0.03748100
N	6.29868400	0.26058100	0.17299100
H	6.44294200	1.26632500	0.10246400
C	5.06664100	-0.22862400	0.77066600
C	3.84800100	0.44770300	0.13533400
H	5.04159200	-1.31363700	0.65753900
H	5.03869100	0.01081200	1.84354700
O	3.79138700	1.68042900	0.03226200
N	6.32885500	5.09722200	0.16777200
H	6.47311300	6.10296600	0.09724500
C	5.09681200	4.60801700	0.76544700
C	3.87817200	5.28434400	0.13011400
H	5.07176300	3.52300400	0.65231900
H	5.06886200	4.84745300	1.83832800
O	3.82155800	6.51707000	0.02704300
N	2.83064300	-5.22884100	-0.25567500
H	2.97453800	-6.23476200	-0.18695000
C	1.58789600	-4.73810400	-0.82945500
C	0.38086200	-5.41166700	-0.16950800
H	1.56694600	-3.65293500	-0.71699500
H	1.53838500	-4.97858100	-1.90132400
O	0.32417500	-6.64418700	-0.06404500
N	2.86081400	-0.39220100	-0.26089400
H	3.00470800	-1.39812100	-0.19216900
C	1.61806700	0.09853600	-0.83467500
C	0.41103300	-0.57502600	-0.17472700
H	1.59711700	1.18370600	-0.72221400
H	1.56855600	-0.14194000	-1.90654300
O	0.35434600	-1.80754700	-0.06926400
N	2.89098500	4.44444000	-0.26611300
H	3.03487900	3.43851900	-0.19738800
C	1.64823800	4.93517700	-0.83989400
C	0.44120400	4.26161500	-0.17994600
H	1.62728800	6.02034700	-0.72743400
H	1.59872700	4.69470000	-1.91176200
O	0.38451700	3.02909400	-0.07448300
N	-0.59687600	-4.56964700	0.24522600
H	-0.45263800	-3.56404800	0.17262000
C	-1.82890800	-5.05764000	0.84391300

C	-3.04756200	-4.38265300	0.20718600
H	-1.85393500	-6.14288600	0.73302800
H	-1.85686000	-4.81598900	1.91629700
O	-3.10420100	-3.15014400	0.10156700
N	-0.56670500	0.26699400	0.24000600
H	-0.42246700	1.27259300	0.16740100
C	-1.79873700	-0.22100000	0.83869400
C	-3.01739100	0.45398800	0.20196700
H	-1.82376400	-1.30624500	0.72780900
H	-1.82668900	0.02065200	1.91107800
O	-3.07403000	1.68649700	0.09634800
N	-0.53653400	5.10363500	0.23478700
H	-0.39229600	6.10923300	0.16218200
C	-1.76856600	4.61564100	0.83347500
C	-2.98722000	5.29062800	0.19674800
H	-1.79359300	3.53039600	0.72259000
H	-1.79651800	4.85729300	1.90585800
O	-3.04385900	6.52313800	0.09112900
N	-4.03473300	-5.22339400	-0.18730300
H	-3.89081800	-6.22916800	-0.11649900
C	-5.27749100	-4.73386900	-0.76209400
C	-6.48451000	-5.40609100	-0.10075400
H	-5.29846300	-3.64847000	-0.65187700
H	-5.32699900	-4.97656200	-1.83346400
O	-6.54117100	-6.63839200	0.00725600
N	-4.00456200	-0.38675400	-0.19252200
H	-3.86064700	-1.39252700	-0.12171900
C	-5.24732000	0.10277100	-0.76731300
C	-6.45433900	-0.56945000	-0.10597300
H	-5.26829200	1.18817100	-0.65709600
H	-5.29682800	-0.13992100	-1.83868300
O	-6.51100100	-1.80175100	0.00203700
N	-3.97439100	4.44988700	-0.19774100
H	-3.83047600	3.44411400	-0.12693800
C	-5.21714900	4.93941200	-0.77253300
C	-6.42416800	4.26719000	-0.11119200
H	-5.23812100	6.02481100	-0.66231500
H	-5.26665700	4.69672000	-1.84390200
O	-6.48083000	3.03488900	-0.00318200
N	-7.46226400	-4.56323600	0.31224000
H	-7.31804700	-3.55778600	0.23755600
C	-8.69428500	-5.05001600	0.91193700
C	-9.91295400	-4.37637100	0.27381900

H	-8.71929000	-6.13548900	0.80329500
H	-8.72224100	-4.80614900	1.98381900
O	-9.96961900	-3.14408400	0.16565300
N	-7.43209300	0.27340500	0.30702100
H	-7.28787600	1.27885500	0.23233700
C	-8.66411400	-0.21337500	0.90671800
C	-9.88278300	0.46027000	0.26860000
H	-8.68911900	-1.29884800	0.79807600
H	-8.69207000	0.03049200	1.97860000
O	-9.93944800	1.69255700	0.16043400
N	-7.40192200	5.11004600	0.30180200
H	-7.25770500	6.11549500	0.22711800
C	-8.63394300	4.62326500	0.90149900
C	-9.85261300	5.29691100	0.26338000
H	-8.65894800	3.53779300	0.79285700
H	-8.66189900	4.86713200	1.97338100
O	-9.90927700	6.52919800	0.15521500
N	-10.90010900	-5.21794600	-0.11893000
H	-10.75617300	-6.22356800	-0.04604800
C	-12.14287800	-4.72963500	-0.69473000
H	-12.31050300	-3.70375500	-0.35981000
H	-12.11056100	-4.73335700	-1.79225100
N	-10.86993800	-0.38130500	-0.12414900
H	-10.72600200	-1.38692700	-0.05126800
C	-12.11270700	0.10700600	-0.69994900
H	-12.28033200	1.13288600	-0.36502900
H	-12.08039100	0.10328400	-1.79747000
N	-10.83976700	4.45533600	-0.12936900
H	-10.69583100	3.44971400	-0.05648700
C	-12.08253600	4.94364600	-0.70516800
H	-12.25016100	5.96952700	-0.37024800
H	-12.05022000	4.93992400	-1.80269000
H	-12.97748500	-5.35665600	-0.36378500
H	-12.94731400	-0.52001500	-0.36900500
H	-12.91714300	4.31662500	-0.37422400