

Figure S1. Crystal structure of RdRp in complex with dsRNA with covalently bound RDV. **A** is Crystal PDB: 7BV2 zoomed view of RDV (white) bound dsRNA template-primer complex with Mg ions (pink) and free diphosphate. **B** is a diagram of the interactions between covalently bound RDV and protein residues.



Figure S2. Superposition between our docked RTP pose and the Crystal RDV pose. Crystal RdRp is colored in yellow with dsRNA presented in red licorice. Crystal RDV is colored in white with our free form docked RTP pose colored in green. Magnesium ions presented as pink balls.



Figure S3. The RMSD values of template-primer RNA for ATP and RTP systems.



Figure S4. Protein Ca RMSF values for ATP and RTP systems over full 1 µs MD simulation time.



Figure S5. The RMSF values of the ligand main atoms of ATP and RTP red systems over 1000 ns simulation.





Figure S6a The top five normal modes from the ATP system. RNA (yellow) and Finger domain (Blue), Palm domain, (Green) Thumb domain (Red) of RdRp is shown ribbon.







Figure S6b The top five normal modes from the RTP system. RNA (yellow) and Finger domain (Blue), Palm domain (Green) Thumb domain (Red) of RdRp is shown ribbon.







Figure S6c The top five normal modes from the ZINC000002146610 system. RNA (yellow) and Finger domain (Blue), Palm domain (Green) Thumb domain (Red) of RdRp is shown ribbon.







Figure S6d The top five normal modes from the ZINC000069492350 system. RNA (yellow) and Finger domain (Blue), Palm domain (Green) Thumb domain (Red) of RdRp is shown ribbon.







Figure S6e The top five normal modes from the ZINC000097971592 system. RNA (yellow) and Finger domain (Blue), Palm domain (Green) Thumb domain (Red) of RdRp is shown ribbon.







Figure S6f The top five normal modes from the ZINC000408592119 system. RNA (yellow) and Finger domain (Blue), Palm domain (Green) Thumb domain (Red) of RdRp is shown ribbon.



Figure S7 The top view (left) and the side view (right) of a selected normal mode from the top 4 ZINC systems that is most similar to the mode 5 of ATP system. RNA (yellow) and, Thumb domain (Red), Palm domain (Green), Finger domain (Blue) of RdRp is shown ribbon.

Molecule	Smiles ID Code	
ZINC000002146610	COc1cccc(- c2coc3cc4oc(=O)c(CC(=O)O)c(C)c4cc23)c1	
ZINC000014651456	N[C@H](Cc1ccccc1)C(=O)N[C@H](Cc1c[n H]c2ccccc12)C(=O)O	H-H-H-H-H-H-H-H-H-H-H-H-H-H-H-H-H-H-H-
ZINC000016040970	Cc1cc(OCC(=O)N[C@H](CC(=O)O)C(=O)O)c2c3c(c(=O)oc2c1)CCC3	
ZINC000065742965	CN(C)CC/C=C1/c2cccc2COc2ccc([C@@H] (O)C(=O)O)cc21	
ZINC000067790716	O=C(O)c1c(S(=O)(=O)NCc2cccc3ccccc23)sc 2c1CCNC2	
ZINC000069492350	O=C(O)[C@H]1CCC(=O)N(CCCn2cccn2)[C @H]1c1cccs1	
ZINC000084651559	C[C@@H](NC(=O)c1c(O)cc(F)cc1F)c1ccc(N 2CCOC2=O)cc1	
ZINC000089920955	O=C(NC[C@H]1CC(=O)N(Cc2cccc2)C1)c1 ccc(F)cc1O	

Table S1. Summary of top 14 ZINC compounds with corresponding Smiles ID and 2D structure.

ZINC000097971592	C[C@]12CC[C@@H]3c4ccc(O[C@H]5O[C @H](C(=O)O)[C@@H](O)[C@H](O)[C@H] 5O)cc4CC[C@H]3[C@@H]1C[C@@H](O)[C@@H]2O	
ZINC000237948681	O=C(NC1(C(=O)O)CC1)[C@H]1CC(=O)N(c 2ccc(Cl)cc2)C1	
ZINC000238950253	NC(=O)c1ccc[n+]([C@@H]2O[C@H](CO[P @](=O)(O)O[P@](=O)(O)OC[C@@H]3O[C @H](n4cnc5c(N)ncnc54)[C@H](OP(=O)(O) O)[C@@H]3O)[C@@H](O)[C@H]2O)c1	HAN CONTRACTION OF CO
ZINC000257306096	O=C(O)c1ccccc1-c1ccc(Cn2ncccc2=O)nc1	
ZINC000299798705	CN(C)[C@@H]1C[C@@H](C(=O)O)N(C(= O)c2cc(-c3ccccc3F)n[nH]2)C1	
ZINC000408592119	CCOc1cc(/C=C2/NC(=O)N(CC(=O)O)C2=O) cc(Cl)c1OCc1ccc2cccc2c1	

Table S2. 7BV2 RdRp-RNA-ligand complexes of ZINC compounds and zoomed perspective of the ligand docking pose with RNA and magnesium ions (left). Detailed 2D protein-ligand interaction diagram (right).









Ligand	MM-GBSA (kcal/mol)	Receptor RMSD (Å)	Ligand RMSD (Å)
ATP	$\textbf{-35.9}\pm3.1$	2.4	4.5
RTP	$\textbf{-21.3} \pm 5.9$	1.9	0.9
ZINC000002146610	-32.4 ± 5.1	3.2	1.2
ZINC000014651456	$\textbf{-23.7} \pm 5.4$	3.4	2.5
ZINC000016040970	$\textbf{-22.6} \pm 13.4$	2.9	3.0
ZINC000065742965	$\textbf{-27.3}\pm6.9$	3.5	4.0
ZINC000067790716	$\textbf{-23.5} \pm 5.2$	3.3	3.6
ZINC000069492350	$\textbf{-43.8} \pm \textbf{4.1}$	4.6	3.7
ZINC000084651559	$\textbf{-14.4}\pm6.6$	3.4	3.6
ZINC000089920955	$\textbf{-16.4} \pm \textbf{7.2}$	2.9	2.0
ZINC000097971592	$\textbf{-37.4} \pm \textbf{8.1}$	3.6	3.0
ZINC000237948681	-28 ± 5.5	3.6	3.1
ZINC000238950253	$\textbf{-12.9} \pm \textbf{23.9}$	3.1	3.0
ZINC000257306096	$\textbf{-23.4}\pm6.4$	3.0	3.1
ZINC000299798705	$\textbf{-13.2}\pm7.5$	2.7	5.3
ZINC000408592119	-31.4 ± 4.9	4.3	3.5

Table S3. Summary of MMGBSA calculations with standard deviations and MD simulation results.

ZINC000408592119 -31.4 ± 4.9 4.33.5The simulation for the four bold systems has been extended from 200 ns to 1000ns.



Table S4. Receptor and ligand RMSD for top 14 ZINC candidate systems.





Table S5. Protein (left) and ligand (right) RMSF for top 14 ZINC candidate systems over full 200 ns simulation time.











Table S6. Protein-ligand contact histogram of the top 14 candidate systems with ATP and RTP systems.
















Table S7. Detailed diagram showing interactions between ligand atoms and protein residues during the simulation. Ligand-protein contacts shown occur 30% or more of the trajectory.



















Table S8. Secondary structure elements (SSE) of RdRp protein of each ZINC containing system.





Table S9. Most abundant conformation of each ZINC complex from simulation with zoomed perspective of the most abundant ligand pose with RNA and magnesium ions (left). Detailed 2D protein-ligand contacts diagram of most abundant conformational pose (right).









Table S10. Most abundant conformational pose of RdRp in complex with ZINC compounds.



Table S11. Total Protein-Ligand Contacts heatmap summarizing H-bonds, hydrophobic, ionic and water bridge interactions with corresponding individual protein residues.





Molecule 1			
# ⊙ <i></i>			Water Solubility
H,N	LIPO	Log S (ESOL) 😣	-4.12
		Solubility	4.58e-02 mg/ml ; 7.59e-05 mol/l
	FLEX	Class 📀	Moderately soluble
		Log S (Ali) 😣	-6.01
		Solubility	5.84e-04 ma/ml : 9.69e-07 mol/l
		Class (9	Poorly soluble
H,C HN	INSATU POLAR	Log S (SILICOS-IT) 😣	-4.77
		Solubility	1.03e-02 mg/ml ; 1.71e-05 mol/l
\ _{сн,}	Birton Li	Class 📀	Moderately soluble
	INSOLU		Pharmacokinetics
SMILES CCC(COC(=0)C(NP(=0)(0c1ccccc1)0CC10C(C(C10)0)	GI absorption 📀	Low
(C#N)C1CCC2n1ncl	nc2N)C)CC	BBB permeant 📀	No
Fill		P-gp substrate 📀	Yes
Molocular woight	602 59 g/mol	CYP1A2 inhibitor 📀	No
Num beavy atoms	42	CYP2C19 inhibitor 📀	No
Num arom beavy atoms	42	CYP2C9 inhibitor 📀	No
Fraction Csn3	0.48	CYP2D6 inhibitor 🗐	No
Num rotatable bonds	14	CYP3A4 inhibitor 📀	Yes
Num. H-bond acceptors	12	Log K _p (skin permeation) 📀	-8.62 cm/s
Num. H-bond donors	4		Druglikeness
Molar Refractivity	150.43	Lipinski 🔞	No; 2 violations: MW>500, NorO>10
TPSA 🤨	213.36 Ų	Ghose 🥹	No; 3 violations: MW>480, MR>130, #atoms>70
		Veber 🤨	No; 2 violations: Rotors>10, TPSA>140
Log P _{o/w} (ILOGP)	3.24	Egan 😣	No; 1 violation: TPSA>131.6
Log P _{o/w} (XLOGP3) 🥹	1.91 2.21	Muegge 😣	No; 3 violations: MW>600, TPSA>150, H- acc>10
	0.18	Bioavailability Score 🗐	0.17
	0.05		Medicinal Chemistry
	-0.05	PAINS 0	0 alert
Consensus Log P _{o/w} 🧐	1.50	Brenk 📀	1 alert: phosphor 😣
		Leadlikeness 📀	No; 2 violations: MW>350, Rotors>7
		Synthetic accessibility @	6.33
		-,	

Table S12. The ADME properties of prodrug remdesivir predicted by SwissADME webserver.

Molecule 3			
# 0			Water Solubility
	LIPO	Log S (ESOL) 😣	0.95
		Solubility	4.49e+03 mg/ml ; 8.93e+00 mol/l
Ne	FLEX SIZE	Class 📀	Highly soluble
()		Log S (Ali) 😣	-0.34
Ĩ		Solubility	2.28e+02 mg/ml ; 4.54e-01 mol/l
	HILOH	Class 😣	Very soluble
он сан	INSATU	Log S (SILICOS-IT) 📀	3.05
- 0- 0-		Solubility	5.59e+05 mg/ml ; 1.11e+03 mol/l
	INTERNAL I	Class 🐵	Soluble
	INSOLU		Pharmacokinetics
SMILES O[C@@H]1[C@@)H](COP(=O)(OP(=O)(OP(=O)([O-])[O-])	GI absorption 📀	Low
[O-])O[C@H]([C@	(@HJ1O)n1cnc2c1ncnc2N	BBB permeant 📀	No
Ph	vsicochemical Properties	P-gp substrate 📀	Yes
Formula	C10H12N5O13P3	CYP1A2 inhibitor 📀	No
Molecular weight	503.15 g/moi	CYP2C19 inhibitor 0	No
Num. neavy atoms	31	CYP2C9 inhibitor 📀	No
Num. arom. neavy atoms	9	CYP2D6 inhibitor 🗐	No
Fraction Csp3	0.50	CYP3A4 inhibitor 🐵	No
Num. I claiable bonds	8	Log K., (skin permeation) 😣	-13.42 cm/s
Num. H bond donors	2		Druglikeness
Molar Defractivity	00.20	Lininski	No: 2 violations: MW>500 NorO>10
	05.20 210.00 λ²	Ghose 🧌	No: 1 violation: MW>480
TPSA U	J 19.00 A	Vohor 🔍	No: 1 violation: TPSA>140
Log Poly (iLOGP) 🤨	-1.17	Egan 😶	No; 1 violation: TPSA>131.6
Log P _{o/w} (XLOGP3)	-5.71	Mueage 🧐	No; 3 violations: XLOGP3<-2, TPSA>150, H-
Log P _{o/w} (WLOGP) 😣	-0.19	Disavailability Ocean 🙆	acc>10
Log P _{o/w} (MLOGP) 0	-4.38	Bioavailability Score 👽	Medicinal Chemistry
Log P _{o/w} (SILICOS-IT) 📀	-5.68	PAINS 0	0 alert
Consensus Log Poly 0	-3.43	Brenk 📀	1 alert: phosphor 😣
- 014		Leadlikeness 📀	No: 2 violations: MW>350, Rotors>7
		Synthetic accessibility 📀	4.74

Table S13. The ADME properties of ATP predicted by SwissADME webserver.

Molecule 2			
# 0			Water Solubility
	LIPO	Log S (ESOL) 😣	0.50
		Solubility	1.68e+03 mg/ml ; 3.16e+00 mol/l
OH NH, FLEX SIZE		Class 🔞	Highly soluble
		Log S (Ali) 😣	-0.80
HO		Solubility	8.40e+01 mg/ml; 1.58e-01 mol/l
		Class 🥹	Very soluble
но	POLAR	Log S (SILICOS-IT) 😣	2.40
		Solubility	1.33e+05 mg/ml ; 2.49e+02 mol/l
	IMPORT L	Class 💷	Soluble
	INSOLU		Pharmacokinetics
SMILES N#CC1(OC(C(C10	0)0)COP(=0)(OP(=0)(OP(=0)	GI absorption 📀	Low
(0)0)0)0)c1ccc2r	11ncnc2N	BBB permeant 📀	No
Ph	vsicochemical Properties	P-gp substrate 📀	No
Formula	C12H16N5O13P3	CYP1A2 inhibitor 📀	No
Notecular weight	531.20 g/mol	CYP2C19 inhibitor 😣	No
Num, neavy atoms	55	CYP2C9 inhibitor 📀	No
Fraction Con2	9	CYP2D6 inhibitor 📀	No
Num rotatable bonds	8	CYP3A4 inhibitor 📀	No
Num H-bond acceptors	16	Log K _p (skin permeation) 📀	-13.27 cm/s
Num H-bond donors	7		Druglikeness
Molar Refractivity	101.21	Lipinski 🔞	No; 3 violations: MW>500, NorO>10,
TPSA 🔞	318.94 Ų	Ohana 🙆	NH010H23
	Lipophilicity	Gnose 😽	No, 2 violations. MW>460, WLOGE~-0.4
Log P _{o/w} (iLOGP) 😣	-0.99		No. 1 violation: TPSA=140
Log P _{o/w} (XLOGP3) 📀	-5.25	Egan 🔮	No, Tviolation, TPSA>131.6
Log P _{o/w} (WLOGP) 🗐	-1.61	Muegge 🤨	acc>10, H-don>5
Log P _{o/w} (MLOGP) 😣	-4.29	Bioavailability Score 📀	0.11
Log P _{o/w} (SILICOS-IT) 📀	-5.27		Medicinal Chemistry
Consensus Log Poly 0	-3.48	PAINS 🤨	0 alert
- Orw		Brenk 📀	1 alert: phosphor 🥹
		Leadlikeness 📀	No; 2 violations: MW>350, Rotors>7
		Synthetic accessibility 😣	4.82

Table S14. The ADME properties of RTP predicted by SwissADME webserver.

Molecule 4			
# @ Q			Water Onlyhility
πυσ	LIPO	L 0 (5001) 0	Water Solubility
		Log S (ESUL)	-4.43
		Solubility	1.34e-02 mg/mi ; 3.68e-05 moi/i
	PLEA	Class 🧐	Moderately soluble
$r \sim \gamma$		Log S (Ali) 📀	-4.86
Сн		Solubility	4.99e-03 mg/ml ; 1.37e-05 mol/l
HU HU		Class 🔞	Moderately soluble
0	INSATU	Log S (SILICOS-IT) 😣	-7.26
H,C		Solubility	1.99e-05 mg/ml ; 5.47e-08 mol/l
		Class 📀	Poorly soluble
	INSOLU		Pharmacokinetics
SMILES COc1cccc(c1)c1cc	pc2c1cc1c(c2)oc(=O)c(c1C)CC(=O)O	GI absorption 0	High
Ph	ysicochemical Properties	BBB permeant 📀	No
Formula	C21H16O6	P-gp substrate 📀	No
Molecular weight	364.35 g/mol	CYP1A2 inhibitor 📀	Yes
Num. heavy atoms	27	CYP2C19 inhibitor 📀	No
Num. arom. heavy atoms	19	CYP2C9 inhibitor 📀	Yes
Fraction Csp3	0.14	CYP2D6 inhibitor 📀	No
Num. rotatable bonds	4	CYP3A4 inhibitor 😣	No
Num. H-bond acceptors	6	Log K _n (skin permeation) 📀	-6.18 cm/s
Num. H-bond donors	1		Drualikeness
Molar Refractivity	100.69	Lipinski 🗐	Yes; 0 violation
TPSA 🥹	89.88 A*	Ghose 🤨	Yes
L	Lipophilicity	Veber 📀	Yes
Log P _{o/w} (ILOGP) 🔝	2.13	Egan 📵	Yes
Log P _{o/w} (XLOGP3) 🧐	3.30	Muegge 📀	Yes
Log P _{o/w} (WLOGP) 😣	4.15	Bioavailability Score 0	0.56
Log P _{o/w} (MLOGP) 📀	2.26		Medicinal Chemistry
Log P _{o/w} (SILICOS-IT) 📀	4.75	PAINS 0	0 alert
Consensus Log P _{o/w} 🤨	3.44	Brenk 🗐	1 alert: cumarine 🧐
		Leadlikeness 📀	No; 1 violation: MW>350
		Synthetic accessibility 💷	3.54

Table S15. The ADME properties of ZINC000002146610 predicted by SwissADME webserver.

Molecule 6		
# ⊙ <i></i>		Water Solubility
LIPO	Log S (ESOL) 📀	-1.42
	Solubility	1.34e+01 mg/ml ; 3.80e-02 mol/l
FLEX SIZE	Class 🤨	Very soluble
	Log S (Ali) 🖗	-1.00
	Solubility	3 48e+01 mg/ml : 9 91e-02 mol/l
	Class 0	Very soluble
		s oo
INSATU POLAR	Log S (SILICOS-IT)	-5.68
	Solubility	7.31e-04 mg/ml ; 2.08e-06 mol/l
INSOLU	Class 🧐	Moderately soluble
		Pharmacokinetics
SMILES N[C@@H](C(=O)N[C@@H] (C(=O)O)Cc1cinHic2c1cccc2)Cc1ccccc1	GI absorption 🥹	High
Physicochemical Properties	BBB permeant 🧐	No
Formula C20H21N3O3	P-gp substrate 🧐	Yes
Molecular weight 351.40 g/mol	CYP1A2 inhibitor 10	No
Num, heavy atoms 26	CYP2C19 inhibitor 😣	No
Num. arom. heavy atoms 15	CYP2C9 inhibitor 📀	No
Fraction Csp3 0.20	CYP2D6 inhibitor 📀	Yes
Num. rotatable bonds 8	CYP3A4 inhibitor 📀	No
Num. H-bond acceptors 4	Log K _p (skin permeation) 😣	-9.00 cm/s
Num. H-bond donors 4		Druglikeness
Molar Refractivity 99.27	Lipinski 💷	Yes; 0 violation
TPSA 🥹 108.21 Ų	Ghose 💷	Yes
Lipophilicity	Veber 🐵	Yes
Log P _{o/w} (iLOGP) 🤨 1.72	Egan 🐵	Yes
Log P _{nhw} (XLOGP3) 🥹 -0.79	Muegge 📀	Yes
Log Poly (WLOGP) (0) 1.85	Bioavailability Score 📀	0.55
Log Point (MLOGP) 0 1.27		Medicinal Chemistry
	PAINS 🕖	0 alert
	Brenk 🧐	0 alert
Consensus Log $P_{o/w} = 1.37$	Leadlikeness 🖗	No: 2 violations: MW>350 Rotors>7
	Econimeriess 🥌	140, 2 Violations, INVV- 550, 140(015-1

 Table S16. The ADME properties of ZINC000014651456 predicted by SwissADME webserver.

Molecule 7			
# 0			Water Solubility
	LIPO	Log S (ESOL) 😣	-2.69
		Solubility	7.96e-01 mg/ml ; 2.04e-03 mol/l
сн.	FLEX SIZE	Class 📀	Soluble
		Log S (Ali) 😣	-3.71
H Num	\sim	Solubility	7.61e-02 mg/ml ; 1.95e-04 mol/l
	OH I	Class 📵	Soluble
	NSATU POLAR	Log S (SILICOS-IT) 📀	-4.11
		Solubility	3.05e-02 mg/ml ; 7.83e-05 mol/l
		Class 🕖	Moderately soluble
	INSOLU		Pharmacokinetics
SMILES 0=C(N[C@@H]		GI absorption 0	Low
(C(=0)0)CC(=0)0	0)COc1cc(C)cc2c1c1CCCc1c(=0)o2	BBB permeant 📀	No
Ph	ysicochemical Properties	P-gp substrate 📀	Yes
Formula	C19H19N08	CYP1A2 inhibitor 📀	No
Molecular weight	389.36 g/mol	CYP2C19 inhibitor 📀	No
Num, neavy atoms	28	CYP2C9 inhibitor 📀	No
Fraction Con2	10	CYP2D6 inhibitor 🔞	No
Num rotatable bonde	0.57	CYP3A4 inhibitor 📀	No
Num. H-bond accentors	0 8	Log K _n (skin permeation) 😣	-7.89 cm/s
Num, H-bond donors	3		Druglikeness
Molar Refractivity	97.15	Lipinski 🕖	Yes; 0 violation
TPSA ()	143.14 Ų	Ghose 📀	Yes
	Lipophilicity	Veber 🔞	No; 1 violation: TPSA>140
Log Poly (iLOGP) 😣	1.73	Egan 📀	No; 1 violation: TPSA>131.6
Log Poly (XLOGP3)	1.11	Muegge 💷	Yes
Log Poly (WLOGP)	1.01	Bioavailability Score 📀	0.56
Log Poly (MLOGP) 📀	0.61		Medicinal Chemistry
Log Poly (SILICOS-IT)	2.47	PAINS 🐵	0 alert
	1 30	Brenk 🛞	1 alert: cumarine 🥺
Consensus Log r o/w	1.00	Leadlikeness 📀	No; 2 violations: MW>350, Rotors>7
l		Synthetic accessibility 😣	3.96

Table S17. The ADME properties of ZINC000016040970 predicted by SwissADME webserver.

Molecule 8			
tt 🛛 🖌	100		Water Solubility
	LIPO	Log S (ESOL) 😣	-2.62
CH,		Solubility	8.43e-01 mg/ml ; 2.39e-03 mol/l
N	FLEX	Class 🤨	Soluble
H ³ C,		Log S (Ali) 😣	-1.98
но		Solubility	3.74e+00 mg/ml; 1.06e-02 mol/l
		Class 0	Very soluble
	INSATU POLAR	Log S (SILICOS-IT) 🗐	-4.96
	~	Solubility	3.86e-03 mg/ml ; 1.09e-05 mol/l
		Class 🧐	Moderately soluble
	INSOLU		Pharmacokinetics
SMILES CN(CC/C=C/1\c2c	cc(ccc2OCc2c1cccc2)[C@H](C(=O)O)O)C	GI absorption 😣	High
Ph	ysicochemical Properties	BBB permeant 📀	Yes
Formula	C21H23NO4	P-gp substrate 📀	Yes
Molecular weight	353.41 g/mol	CYP1A2 inhibitor 📀	No
Num. heavy atoms	26	CYP2C19 inhibitor 📀	No
Num. arom. heavy atoms	12	CYP2C9 inhibitor 📀	No
Fraction Csp3	0.29	CYP2D6 inhibitor 📀	Yes
Num. rotatable bonds	5	CYP3A4 inhibitor 📀	No
Num. H-bond acceptors	5	Log K _p (skin permeation) 📀	-7.80 cm/s
Num. H-bond donors	2		Druglikeness
Molar Refractivity	100.39	Lipinski 🕖	Yes; 0 violation
IFON U	Lipophilicity	Ghose 📀	Yes
	2.72	Veber 📀	Yes
	2.12	Egan 📀	Yes
Log P _{o/w} (XLOGP3)	0.92	Muegge 📀	Yes
Log P _{o/w} (WLOGP) 🤨	2.60	Bioavailability Score 📀	0.55
Log P _{o/w} (MLOGP) 📀	2.05		Medicinal Chemistry
Log P _{o/w} (SILICOS-IT) 😣	3.28	PAINS ⁽¹⁾	0 alert
Consensus Log P _{o/w} 📀	2.32	Brenk 🐵	0 alert
		Leadlikeness 🔞	No; 1 violation: MW>350
		Synthetic accessibility 🥹	4.38

Table S18. The ADME properties of ZINC000065742965 predicted by SwissADME webserver.

Molecule a				
Ħ 🛛 🖌			Water Solubility	
	LIPO	Log S (ESOL) 😣	-2.62	
		Solubility	9.56e-01 mg/ml ; 2.37e-03 mol/l	
0	FLEX SIZE	Class 📀	Soluble	
HO		Log S (Ali) 🧐	-2.67	
	\sim	Solubility	8.64e-01 mg/ml ; 2.15e-03 mol/l	
	NH	Class 📀	Soluble	
	INSATU POLAR	Log S (SILICOS-IT) 📀	-6.42	
		Solubility	1.54e-04 mg/ml ; 3.84e-07 mol/l	
		Class 📀	Poorly soluble	
	INSOLU		Pharmacokinetics	
SMILES OC(=0)c1c2CCN	Cc2sc1S(=O)(=O)NCc1cccc2c1cccc2	GI absorption 📀	High	
Ph	ysicochemical Properties	BBB permeant 📀	No	
Formula	C19H18N2O4S2	P-gp substrate 📀	Yes	
Molecular weight	402.49 g/mol	CYP1A2 inhibitor 😣	Yes	
Num. heavy atoms	27	CYP2C19 inhibitor 😣	No	
Num. arom. heavy atoms	15	CYP2C9 inhibitor 📀	No	
Fraction Csp3	0.21	CYP2D6 inhibitor 📀	No	
Num. rotatable bonds	5	CYP3A4 inhibitor 📀	No	
Num. H-bond acceptors	6	Log K _p (skin permeation) 😣	-8.52 cm/s	
Num. H-bond donors	3		Druglikeness	
Molar Refractivity	108.51	Lipinski 😣	Yes; 0 violation	
TPSA 🥹	132.12 A*	Ghose 🔞	Yes	
L	LipophiliCity	Veber 😣	Yes	
Log P _{o/w} (ILUGP) U	2.48	Egan 😣	No; 1 violation: TPSA>131.6	
Log P _{o/w} (XLOGP3) 🥹	0.33	Muegge 💿	Yes	
Log P _{o/w} (WLOGP) 🥺	3.12	Bioavailability Score 📀	0.55	
Log P _{o/w} (MLOGP) 😣	1.65		Medicinal Chemistry	
Log P _{o/w} (SILICOS-IT) 📀	3.41	PAINS ()	0 alert	
Consensus Log P _{o/w} 📀	2.20	Brenk 😣	0 alert	
		Leadlikeness 📀	No; 1 violation: MW>350	
l		Synthetic accessibility 📀	3.60	

Table S19. The ADME properties of ZINC000067790716 predicted by SwissADME webserver.

Molecule 10			
Wolecule IV			
Ħ 🛛	100		Water Solubility
~ ~0	0P0	Log S (ESOL) 😣	-2.37
		Solubility	1.41e+00 mg/ml ; 4.22e-03 mol/l
	FLEX	Class 🧐	Soluble
		Log S (Ali) 😣	-2.62
H L		Solubility	7.99e-01 mg/ml ; 2.40e-03 mol/l
s N		Class 📀	Soluble
	N INSATU POLAR	Log S (SILICOS-IT) 📀	-2.91
N		Solubility	4.12e-01 mg/ml ; 1.24e-03 mol/l
		Class 📀	Soluble
	INSOLU		Pharmacokinetics
SMILES OC(=O)[C@H]1C0	CC(=O)N([C@H]1c1cccs1)CCCn1cccn1	GI absorption 0	High
Phy	ysicochemical Properties	BBB permeant 📀	No
Formula	C16H19N3O3S	P-gp substrate 📀	Yes
Molecular weight	333.41 g/mol	CYP1A2 inhibitor 0	No
Num. heavy atoms	23	CYP2C19 inhibitor 😣	No
Num. arom. heavy atoms	10	CYP2C9 inhibitor 📀	No
Fraction Csp3	0.44	CYP2D6 inhibitor 🗐	No
Num. rotatable bonds	6	CYP3A4 inhibitor 📀	No
Num. H-bond acceptors	4	Log K_ (skin permeation) 📀	-7.72 cm/s
Num. H-bond donors	1	3 · p () -	Druglikeness
Molar Refractivity	90.98	Lininski 🔞	Yes: 0 violation
TPSA 🕖	103.67 Ų	Ghose 🧌	Yes
	Lipophilicity	Veher	Yes
Log P _{o/w} (iLOGP) 😣	1.97	Fran	Yes
Log P _{o/w} (XLOGP3) 😣	0.86	Muenne 🙆	Yes
Log P _{o/w} (WLOGP) 📀	1.69	Bioavailability Score 🔍	0.56
Log P _{o/w} (MLOGP) 😣	1.10	Site and Sincy Coord	Medicinal Chemistry
Log P _{o/w} (SILICOS-IT) 📀	2.02	PAINS 😣	0 alert
Consensus Log P _{o/w} 😣	1.53	Brenk 🧐	0 alert
		Leadlikeness 🔞	Yes
		Synthetic accessibility 🤨	3.53

Table S20. The ADME properties of ZINC000069492350 predicted by SwissADME webserver.

Molecule 11			
# ⊙ <i>⊘</i>			Water Solubility
	LIPO	Log S (ESOL) 😣	-4.01
		Solubility	3.57e-02 mg/ml : 9.84e-05 mol/l
	FLEX	Class 📀	Moderately soluble
он на учисн		Log S (Ali) 😣	-4.35
		Solubility	1.61e-02 mg/ml ; 4.45e-05 mol/l
		Class 🥹	Moderately soluble
Ý	INSATU POLAR	Log S (SILICOS-IT) 😣	-5.08
•		Solubility	3.00e-03 mg/ml ; 8.28e-06 mol/l
\ <u></u> /	Discost La	Class 🔞	Moderately soluble
	INSOLU		Pharmacokinetics
SMILES Fc1cc(O)c(c(c1)F)	C(=O)N[C@@H](c1ccc(cc1)N1CCOC1=O)C	GI absorption 📀	High
Phy	vsicochemical Properties	BBB permeant 📀	Yes
Formula	C18H16F2N2O4	P-gp substrate 📀	No
Molecular weight	362.33 g/mol	CYP1A2 inhibitor 😣	Yes
Num. heavy atoms	26	CYP2C19 inhibitor 📀	No
Num. arom. heavy atoms	12	CYP2C9 inhibitor 📀	Yes
Fraction Csp3	0.22	CYP2D6 inhibitor 📀	No
Num. rotatable bonds	5	CYP3A4 inhibitor 😐	No
Num. H-bond acceptors	6	Log K., (skin permeation) 📀	-6.36 cm/s
Num. H-bond donors	2	3 · p (Druglikeness
Molar Refractivity	92.18	Lininski	Yes: 0 violation
TPSA 🕖	78.87 Ų	Ghose @	Ves
	Lipophilicity	Veher	Ves
Log P _{o/w} (iLOGP) 😣	2.59	Egon 🙆	Vac
Log P _{o/w} (XLOGP3) 📀	3.03	Lyan 👽	Vac
Log P _{o/w} (WLOGP) 😣	3.25	Niueyye 🤝 Dioavailability Score 🤷	0.55
Log P _{o/w} (MLOGP) 😣	2.67		Medicinal Chemistry
Log P _{o/w} (SILICOS-IT) 😣	2.94	PAINS 0	0 alert
Consensus Log P _{o/w} 😣	2.90	Brenk 🥹	0 alert
		Leadlikeness 🔞	No; 1 violation: MW>350
		Synthetic accessibility 🤨	3.02

Table S21. The ADME properties of ZINC000084651559 predicted by SwissADME webserver.

Molecule 12			
# ⊙ <i>Q</i>			Water Solubility
•	LIPO FLEX SIZE	Log S (ESOL) 😣 Solubility Class 🥯	-3.47 1.17e-01 mg/ml ; 3.42e-04 mol/l Soluble
NH OH		Log S (Ali) 📀 Solubility Class 📀	-3.56 9.52e-02 mg/ml ; 2.78e-04 mol/l Soluble
	INSATU POLAR	Log S (SILICOS-IT) 📀 Solubility Class 🥯	-5.50 1.09e-03 mg/ml ; 3.18e-06 mol/l Moderately soluble
	INSOLU		Pharmacokinetics
SMILES Fc1ccc(c(c1)O)C(=O)NC[C@H]1CC(=O)N(C1)Cc1ccccc1	GI absorption 😣	High
Ph	ysicochemical Properties	BBB permeant 📀	Yes
Formula	C19H19FN2O3	P-gp substrate 🤨	Yes
Num boow stome	342.30 g/moi	CYP1A2 inhibitor 🥹	No
Num, neavy atoms	20	CYP2C19 inhibitor 🧐	No
Fraction Con2	12	CYP2C9 inhibitor 0	No
Num rotatable bonds	6	CYP2D6 inhibitor 🧐	Yes
Num. H-bond acceptore	4	CYP3A4 inhibitor 📀	No
Num, H-bond donors	* 2	Log K _p (skin permeation) 😣	-6.65 cm/s
Molar Refractivity	2		Druglikeness
	69 64 Å ²	Lipinski 📀	Yes; 0 violation
n on 👻	Lipophilicity	Ghose 📀	Yes
	2 72	Veber 📀	Yes
	2.12	Egan 😐	Yes
Log P _{o/w} (XLOGP3)	2.40	Muegge 📀	Yes
Log P _{o/w} (WLOGP) 🤨	2.20	Bioavailability Score 📀	0.55
Log P _{o/w} (MLOGP) 😣	2.25		Medicinal Chemistry
Log P _{o/w} (SILICOS-IT) 📀	2.90	PAINS ()	0 alert
Consensus Log P _{o/w} 🤨	2.51	Brenk 🗐	0 alert
		Leadlikeness 📀	Yes
		Synthetic accessibility 📀	2.60

Table S22. The ADME properties of ZINC00008992095 predicted by SwissADME webserver.
Molecule 13			
ff 🛛 🆌	1120		Water Solubility
	LIPO	Log S (ESOL) 😣	-3.22
		Solubility	2.82e-01 mg/ml ; 6.06e-04 mol/l
HO, H.C.	FLEX	Class 🧐	Soluble
K ha		Log S (Ali) 📀	-3.77
		Solubility	7.89e-02 mg/ml ; 1.70e-04 mol/l
HO		Class 📀	Soluble
HO	OH INSATU POLAR	Log S (SILICOS-IT) 😣	-0.74
		Solubility	8.36e+01 mg/ml; 1.80e-01 mol/l
		Class 📀	Soluble
	INSOLU		Pharmacokinetics
O[C@@H]1[C@@)H](O)[C@@H]	GI absorption 📀	Low
SMILES (Oc2ccc3c(c2)CC	[C@@H]2[C@@H]3CC[C@]3([C@H]2C[C@H]	BBB permeant 📀	No
([0@@fi]30)0)0	vsicochemical Properties	P-gp substrate 📀	Yes
Formula	C24H32O9	CYP1A2 inhibitor 😣	No
Molecular weight	464.51 g/mol	CYP2C19 inhibitor 📀	No
Num, heavy atoms	33	CYP2C9 inhibitor 📀	No
Num. arom. heavy atoms	6	CYP2D6 inhibitor 📀	No
Fraction Csp3	0.71	CYP3A4 inhibitor 📀	No
Num. rotatable bonds	3	Log K _p (skin permeation) 📀	-8.50 cm/s
Num. H-bond acceptors	9	·	Druglikeness
Num. H-bond donors	6	Lipinski 🗐	Yes; 1 violation: NHorOH>5
Molar Refractivity	114.92	Ghose 💷	Yes
TPSA 🔞	156.91 Å ²	Veber 😣	No; 1 violation: TPSA>140
	Lipophilicity	Egan 🔞	No; 1 violation: TPSA>131.6
Log P _{o/w} (iLOGP) 😣	1.38	Muegge 📀	No; 2 violations: TPSA>150, H-don>5
Log P _{o/w} (XLOGP3) 😣	0.89	Bioavailability Score 😣	0.11
Log P _{o/w} (WLOGP) 📀	0.15	-	Medicinal Chemistry
Log P _{o/w} (MLOGP) 😣	0.25	PAINS 😣	0 alert
Log P _{o/w} (SILICOS-IT) 📀	-0.27	Brenk 🤨	0 alert
Consensus Log Poly 9	0.48	Leadlikeness 📀	No; 1 violation: MW>350
UT U		Synthetic accessibility 📀	5.65

 Table S23. The ADME properties of ZINC000097971592 predicted by SwissADME webserver.

Molecule 14			
Ħ 🛛	100		Water Solubility
	LPO	Log S (ESOL) 😣	-2.24
		Solubility	1.85e+00 mg/ml ; 5.73e-03 mol/l
	FLEX	Class 🤨	Soluble
<u> </u>		Log S (Ali) 😣	-2.24
	<u>}</u> _α	Solubility	1.84e+00 mg/ml ; 5.70e-03 mol/l
		Class 📀	Soluble
	INSATU POLAR	Log S (SILICOS-IT) 🔞	-3.29
		Solubility	1.66e-01 mg/ml ; 5.15e-04 mol/l
	INFORT L	Class 📀	Soluble
	INSOLU		Pharmacokinetics
SMILES O=C([C@@H]1C)	N(C(=O)C1)c1ccc(cc1)Cl)NC1(CC1)C(=O)O	GI absorption 📀	High
Ph	ysicochemical Properties	BBB permeant 🐵	No
Formula	C15H15CIN2O4	P-gp substrate 🔞	Yes
Molecular weight	322.74 g/mol	CYP1A2 inhibitor 0	No
Num. heavy atoms	22	CYP2C19 inhibitor 🧐	No
Num. arom. heavy atoms	6	CYP2C9 inhibitor 🐵	No
Fraction Csp3	0.40	CYP2D6 inhibitor 📀	No
Num. rotatable bonds	5	CYP3A4 inhibitor 📀	No
Num. H-bond acceptors	4	Log K _p (skin permeation) 📀	-7.67 cm/s
Num. H-bond donors	2		Druglikeness
Molar Refractivity	83.03	Lipinski 🔞	Yes; 0 violation
IPSA 🤫	80.71 A*	Ghose 🔞	Yes
L	Lipopniicity	Veber 😣	Yes
Log P _{o/w} (ILOGP) 🤝	1.73	Egan 😐	Yes
Log P _{o/w} (XLOGP3) 😣	0.84	Mueage 🧐	Yes
Log P _{o/w} (WLOGP) 😣	0.98	Bioavailability Score 📀	0.56
Log P _{o/w} (MLOGP) 🥹	1.31	• • • • • •	Medicinal Chemistry
Log P _{o/w} (SILICOS-IT) 📀	1.64	PAINS ()	0 alert
Consensus Log P _{o/w} 🤨	1.30	Brenk 🗐	0 alert
		Leadlikeness 😣	Yes
		Synthetic accessibility 🤨	2.55

Table S24. The ADME properties of ZINC000237948681 predicted by SwissADME webserver.

Molecule 15			
# ⊙ <i>Q</i>			Water Solubility
NI.	LIPO	Log S (ESOL) 🤨	0.59
		Solubility	2.92e+03 mg/ml : 3.93e+00 mol/l
	FLEX SIZE	Class 0	Highly soluble
		01400	
		Log S (Ali) 🧐	-0.55
HO		Solubility	2.12e+02 mg/ml ; 2.85e-01 mol/l
5		Class 🧐	Very soluble
_ 	INSATU POLAR	Log S (SILICOS-IT) 😣	2.96
		Solubility	6.79e+05 mg/ml ; 9.12e+02 mol/l
HN HN	Disco II	Class 📀	Soluble
	INSOLD		Pharmacokinetics
O[C@@H]1[C@H		GI absorption 📀	Low
SMILES (O[C@H]1[n+]1CC (OCIC@@H]10IC	cc(c1)C(=0)N)COP(=0)(OP(=0) @@H1(IC@@H1(IC@@H110)OP(=0)	BBB permeant 🤨	No
(O)O)n1cnc2c1ncr	1c2N)0)0	P-gp substrate 📀	Yes
Phy	/sicochemical Properties	CYP1A2 inhibitor 😣	No
Formula	C21H29N7O17P3	CYP2C19 inhibitor 📀	No
Molecular weight	744.41 g/mol	CYP2C9 inhibitor 📀	No
Num. heavy atoms	48	CYP2D6 inhibitor 😣	No
Num. arom. heavy atoms	15	CYP3A4 inhibitor 📀	No
Fraction Csp3	0.48	Log K _p (skin permeation) 📀	-15.83 cm/s
Num. rotatable bonds	13		Druglikeness
Num. H-bond acceptors	20	Lininski 🔞	No; 3 violations: MW>500, NorO>10,
Num. H-bond donors	9	Lipitoti -	NHorOH>5
	00.101 204 22 λ2	Ghose 📀	No; 4 violations: MW>480, WLOGP<-0.4, MR>130 #atoms>70
IF SA V	Lipophilicity	Veber 📀	No: 2 violations: Rotors>10, TPSA>140
	-4.57	Egan 📀	No: 1 violation: TPSA>131.6
	7.00	Museu 0	No; 5 violations: MW>600, XLOGP3<-2.
LUG Poly (ALUGP3)	-1.02	wuegge 🔝	TPSA>150, H-acc>10, H-don>5
LOG P _{o/w} (WLOGP) 🥑	-3.54	Bioavailability Score 0	0.11
Log P _{o/w} (MLOGP) 🤨	-5.09		Medicinal Chemistry
Log P _{o/w} (SILICOS-IT) 😣	-7.57	PAINS 😣	0 alert
Consensus Log P _{o/w} 🥹	-5.56	Brenk 🐵	2 alerts: phosphor, quaternary_nitrogen_1 😣
		Leadlikeness 📀	No; 2 violations: MW>350, Rotors>7
		Synthetic accessibility 📀	6.21

Table S25. The ADME properties of ZINC000238950253 predicted by SwissADME webserver.

HOICEGLE TO H O O Log S (ESOL) O Solubility SIZE Class O	Water Solubility -2.74 5.58e-01 mg/ml ; 1.82e-03 mol/l
LIPO Log S (ESOL) Solubility SIZE Class	Water Solubility -2.74 5.58e-01 mg/ml ; 1.82e-03 mol/l
Log S (ESOL) @ Solubility SIZE Class @	-2.74 5.58e-01 mg/ml ; 1.82e-03 mol/l
Solubility N SIZE Class 0	5.58e-01 mg/ml ; 1.82e-03 mol/l
N FLEX SIZE Class ()	
	Soluble
Log S (Ali) 😣	-2.46
N HO O Solubility	1.07e+00 mg/ml ; 3.48e-03 mol/l
Class 🧿	Soluble
POLAR LOG S (SILICOS-I	IT) 🥹 -5.16
Solubility	2.13e-03 mg/ml ; 6.92e-06 mol/l
Class 0	Moderately soluble
INSOLU	Pharmacokinetics
SMILES OC(=0)c1ccccc1c1ccc(nc1)Cn1ncccc1=0 GI absorption 🥹	High
Physicochemical Properties BBB permeant 🥹	No
Formula C17H13N3O3 P-gp substrate 0	No
Molecular weight 307.30 g/mol CYP1A2 inhibitor	0 No
Num. heavy atoms 23 CYP2C19 inhibito	or 🤨 No
Num. arom. heavy atoms 18 CYP2C9 inhibitor	r 😣 No
Fraction Csp3 0.06 CYP2D6 inhibitor	r 😣 No
Num. rotatable bonds 4 CYP3A4 inhibitor	No No
Num. H-bond acceptors 5 Log K _n (skin perm	neation) 😣 -7.41 cm/s
Num. H-bond donors 1	Druglikeness
Molar Refractivity 84.44 Lipinski 9	Yes; 0 violation
TPSA ♥ 85.08 A ² Ghose Ø	Yes
Lipophilicity Veber 0	Yes
Log P _{o/w} (ILOGP) U 1.77 Egan 0	Yes
Log P _{o/w} (XLOGP3) ⁽⁹⁾ 1.08 Muence ⁽⁹⁾	Yes
Log P _{olw} (WLOGP) 2.05 Bioavailability Scr	ore 0 0.56
Log P _{o/w} (MLOGP) 0 1.72	Medicinal Chemistry
Log P _{olw} (SILICOS-IT) 0 2.29 PAINS 0	0 alert
Consensus Log P _{o/w} 🤨 1.78 Brenk 🥹	0 alert
Leadlikeness 🤨	Yes
Synthetic accessi	ibility 🥹 2.70

Table S26. The ADME properties of ZINC000257306096 predicted by SwissADME webserver.

Molecule 19			
ff 🙂 🏕	LIPO		Water Solubility
		Log S (ESOL) 🥹	-1.58
H,C	СНа	Solubility	9.11e+00 mg/ml; 2.63e-02 mol/l
	FLEX	Class 📀	Very soluble
		Log S (Ali) 🔞	-0.77
E N-NH N-		Solubility	5.92e+01 mg/ml; 1.71e-01 mol/l
	ОН	Class 0	Very soluble
			2.44
	INSATU POLAR	Log S (SILICOS-IT)	-3.41
		Solubility	1.34e-01 mg/ml ; 3.86e-04 mol/l
	INSOLU	Class 🧐	Soluble
			Pharmacokinetics
SMILES OC(=0)[C@@H]1	C[C@H]	GI absorption 🥹	High
(UNTO(=U)CT[III]	vsicochemical Properties	BBB permeant 🥹	No
Formula	C17H19EN4O3	P-gp substrate 🔞	Yes
Molecular weight	346 36 g/mol	CYP1A2 inhibitor ⁰	No
Num heavy atoms	25	CYP2C19 inhibitor 📀	No
Num arom heavy atoms	11	CYP2C9 inhibitor 📀	No
Fraction Csn3	0.35	CYP2D6 inhibitor 📀	No
Num rotatable bonds	5	CYP3A4 inhibitor 📀	No
Num H-bond acceptors	6	Log K _p (skin permeation) 📀	-8.87 cm/s
Num. H-bond donors	2		Druglikeness
Molar Refractivity	92.38	Lipinski 📀	Yes; 0 violation
TPSA ()	89.53 Ų	Ghose 🧐	Yes
	Lipophilicity	Veber 🐵	Yes
Log Poly (iLOGP) 😣	1.86	Egan 😐	Yes
Log Poly (XLOGP3)	-0.64	Muegge 🤨	Yes
Log Poly (WLOGP)	1.48	Bioavailability Score 📀	0.55
Log Palm (MLOGP) (9	1.16		Medicinal Chemistry
	1 37	PAINS 😣	0 alert
	4.05	Brenk 📀	0 alert
Consensus Log Poly	1.05	Leadlikeness 🔞	Yes
		Synthetic accessibility 🤨	3.45

Table S27. The ADME properties of ZINC000299798705 predicted by SwissADME webserver.

Molecule 20			
# @ @			Water Solubility
	LIPO	Log S (ESOL) 😣	-5.50
		Solubility	1.51e-03 mg/ml : 3.15e-06 mol/l
	FLEX	Class 0	Moderately soluble
		Log S (Ali) 😣	-6.47
	~~ / / / /	Solubility	1.63e-04 mg/ml ; 3.38e-07 mol/l
		Class 😕	Poorly soluble
	INSATU POLAR	Log S (SILICOS-IT) Օ	-7.53
		Solubility	1.42e-05 mg/ml ; 2.94e-08 mol/l
	INCOLU	Class 📀	Poorly soluble
	INSOLU		Pharmacokinetics
SMILES CCOc1cc(/C=C\2/	NC(=O)N(C2=O)CC(=O)O)cc(c1OCc1ccc2c(c1)cc	GI absorption 😣	High
cc2)Cl		BBB permeant 📀	No
Phy	vsicochemical Properties	P-gp substrate 📀	No
Formula	C25H21CIN2O6	CYP1A2 inhibitor 0	No
Molecular weight	480.90 g/mol	CYP2C19 inhibitor 📀	Yes
Num. neavy atoms	34	CYP2C9 inhibitor 📀	Yes
Num. arom. neavy atoms	16	CYP2D6 inhibitor 📀	No
Fraction Csp3	0.16	CYP3A4 inhibitor 0	Yes
Num. rotatable bonds	8	Log K_ (skin permeation) 0	-6.01 cm/s
Num. H-bond acceptors	6	Log rip (onit portionation) -	Drudikeness
Num. H-bond donors	2	Linincki 🙆	Ves: 0 violation
	134.53	Chose	No: 2 violations: MW/>480_MP>120
TPSA 🥑	105.17 A*	Gnose 😽	No, 2 violations. WWV-480, WR-130
	Lipophilicity		Teo Veo
Log P _{o/w} (ILOGP) 🤍	2.87	Egan 🔍	res
Log P _{o/w} (XLOGP3) 🥹	4.54	Muegge 🤍	Yes
Log P _{o/w} (WLOGP) 😣	3.43	Bioavailability Score 🧐	0.00
Log P _{o/w} (MLOGP) 😣	2.54		Medicinal Chémistry
Log P _{o/w} (SILICOS-IT) 😣	4.19	PAINS U	U alert
Consensus Log Party 0	3.51	Brenk 🧐	2 alerts: hydantoin, michael_acceptor_1
2 5110 00 2 0 3 . 0/W		Leadlikeness 🥹	No; 3 violations: MW>350, Rotors>7, XLOGP3>3.5
l		Synthetic accessibility 😣	3.72

Table S28. The ADME properties of ZINC000408592119 predicted by SwissADME webserver.