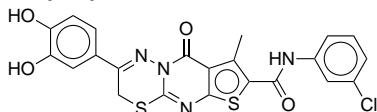


READDI-AC Compound CV

Compound IDs

Investigator or Origin	
Investigator ID	
READDI-AC ID	RA-0002699-01
SMILES	<chem>Cc1c2C(N3C(=Nc2sc1C(Nc1cccc(c1)[Cl])=O)SCC(c1ccc(c(c1)O)O)=N3)=O</chem>

Hit properties:



Lead Properties:

Viral Family	Coronavirus	Notes
Target	NSP12 (RdRp)	
Site		
Gel-based Assay (CoV-2 RdRp)		Inhibition (100 μ M)
Gel-based Assay (LASV RdRp)		Inhibition (100 μ M)
In-vitro Potency (RdRp, CoV-2)		μ M (IC ₅₀) Gel-based assay
Gel-based Assay (h-mtRNAP)		Inhibition (100 μ M)
In-vitro Potency (RdRp, CoV-2)	1	μ M (IC ₅₀) PicoGreen
Cellular Anti-viral activity		SARS2 positive (20 μ M)
MW	499	
cLogP		
Ligand Efficiency		
PSA		A ²
Permeability/ Efflux Ratio		Papp x 10 ⁶ (cm/sec)
Calcd. Log Solubility		

Cellular Toxicity			Understand SAR		
Human selectivity			Struct. comment		
Liver Mic. Stab.					
hERG Inhibition					
P450 Inhibition					
Mouse PK					