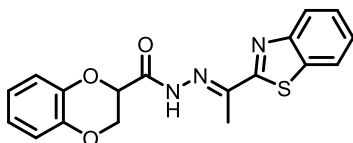


READDI-AC Compound CV

Compound IDs

Investigator or Origin	Matthias Gotte
Investigator ID	Z73496342
READDI-AC ID	RA-0001213-01
SMILES	<chem>C/C(C1=NC2=CC=CC=C2S1)=N\NC(C3OC4=C(OC3)C=CC=C4)=O</chem>

Hit properties:



Viral Family	Coronavirus	Notes
Target	NSP12 (RdRp)	
Site		
PicoGreen Assay (CoV-2 RdRp)	46.9%	Inhibition (10 μ M)
PicoGreen Assay (LASV RdRp)	NA	
In-vitro Potency (RdRp, CoV-2)	3.4	μ M (IC ₅₀) Gel-based assay
In-vitro Potency (h-mtRNAP)	NA	μ M (IC ₅₀)
Cellular Anti-viral activity	NA	
MW	353.40	
cLogP	3.78	
Ligand Efficiency	0.30	
PSA	72.81	A ²
Permeability/ Efflux Ratio		Papp x 10 ⁶ (cm/sec)
Calcd. Log Solubility (M)	-4.48	*Poor solubility in DMSO