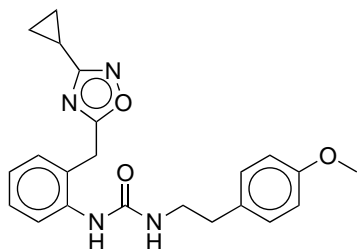


READDI-AC Compound CV

Compound IDs

Investigator or Origin	Life Chem HTS at UNC
Investigator ID	
READDI-AC ID	RA-0002923-01
SMILES	<chem>COc1ccc(CCN(C(Nc2ccccc2Cc2nc(C3CC3)no2)=O)cc1</chem>

Hit properties:



Lead Properties:

Viral Family	Flavivirus	Notes
Target	DENV2 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 (DENV, RdRp)	14	μ M (IC ₅₀) PicoGreen
Cellular Anti-viral activity		SARS2 positive (20 μ M)
MW	393	
cLogP		
Ligand Efficiency		
PSA		A ²
Permeability/ Efflux Ratio		Papp x 10 ⁶ (cm/sec)
Solubility	13	