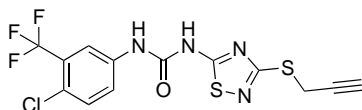


READDI-AC Compound CV

Compound IDs

Investigator or Origin	Phenotypic screen
Investigator ID	
READDI-AC ID	RA-0001930-01
SMILES	<chem>C1=C(C(F)(F)F)C=C(NC(=O)NC2=NC(SCC#C)=NS2)C=C1</chem>

Hit 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 (DENV2, RdRp)	<1	μ M (IC ₅₀) Gel-based assay
Gel-based Assay (h-mtRNAP)		Inhibition (100 μ M)
In-vitro Potency (RdRp, CoV-2)		μ M (IC ₅₀) PicoGreen
Cellular Anti-viral activity		SARS2 positive (20 μ M)
MW	392	
cLogP	4.9	
Ligand Efficiency		
PSA	67	A ²
Permeability/ Efflux Ratio		Papp x 10 ⁶ (cm/sec)
Solubility	<0.5	μ M