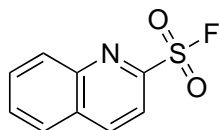


READDI-AC Compound CV

Compound IDs

Investigator or Origin	UNC Covalent HTS
Investigator ID	
READDI-AC ID	RA-0003150-01
SMILES	FS(=O)(=O)C1=NC2=C(C=C1)C=CC=C2

Hit properties:



Viral Family	DENV	Notes
Target	NS5 (RdRp)	
Site		
Gel-based Assay (CoV-2 RdRp)		Inhibition (100 μM)
Gel-based Assay (LASV RdRp)		Inhibition (100 μM)
In-vitro Potency (RdRp, CoV-2)		μM (IC ₅₀) Gel-based assay
Gel-based Assay (h-mtRNAP)		Inhibition (100 μM)
In-vitro Potency (NS5)	27	μM (IC ₅₀) PicoGreen
Cellular Anti-viral activity		SARS2 positive (20 μM)
MW	211	
cLogP		
Ligand Efficiency		
PSA	47	A ²
Permeability/ Efflux Ratio		Papp x 10 ⁶ (cm/sec)
Calcd. Log Solubility		