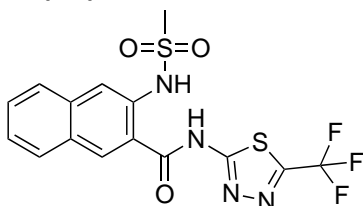


READDI-AC Compound CV

Compound IDs

Investigator or Origin	DEL Selection
Investigator ID	
READDI-AC ID	RA-0020336-01
SMILES	<chem>CS(=O)(=O)NC=1C=C2C=CC=CC2=CC1C(=O)NC3=NN=C(S3)C(F)(F)F</chem>

Hit properties:



Viral Family	CHIKV	Notes
Target	Nsp2 prot	
Site		
In-vitro Potency (nsp2, prot)	2	μM (IC ₅₀)
Cell Tox	>10	μM (CC ₅₀)
Anti-viral activity (CHIKV)	5	μM (EC ₅₀)
Anti-viral activity (VEEV)	5	μM (EC ₅₀)
MW	416	
cLogP	3.8	
Ligand Efficiency		
PSA	101	A ²
Permeability/ Efflux Ratio		P _{app} x 10 ⁶ (cm/sec)
Solubility	111	μM