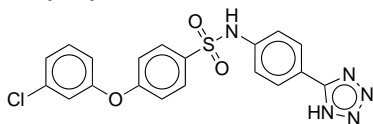


READDI-AC Compound CV

Compound IDs

Investigator or Origin	Analog of hit from Sacchetti Library
Investigator ID	
READDI-AC ID	RA-0002723-01
SMILES	<chem>c1cc(cc(c1)[Cl])Oc1ccc(cc1)S(=O)(=O)Nc1ccc(cc1)c1nn[nH]1</chem>

Hit properties:



Viral Family	Coronavirus	Notes
Target	NSP12 (RdRp)	
Site		
In-vitro Potency (RdRp, CoV-2)	14	μM (IC ₅₀ Gel-based)
In-vitro Potency (h-mtRNAP)	109	μM (IC ₅₀ Gel-based)
In-vitro Potency (DENV, RdRp)		μM (IC ₅₀ Gel-based)
In-vitro Potency (LASV, RdRp)		μM (IC ₅₀ Gel-based)
Cellular Anti-viral activity	>20	μM (EC ₅₀)
MW	427	
cLogP	4.3	
Ligand Efficiency		
PSA	110	A ²
Permeability/ Efflux Ratio		Papp x 10 ⁶ (cm/sec)
Solubility	85	μM