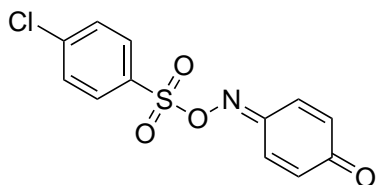


READDI-AC Compound CV

Compound IDs

Investigator or Origin	Matthias Gotte
Investigator ID	
READDI-AC ID	RA-0002111-01
SMILES	<chem>C1=CC(=NOS(C2=CC=C(Cl)C=C2)(=O)=O)C=CC1=O</chem>

Hit properties:



Viral Family	Coronavirus	Notes
Target	NSP12 (RdRp)	
Site		
In-vitro Potency (RdRp, CoV-2)	2	μM (IC ₅₀ Gel-based)
In-vitro Potency (h-mtRNAP)	4	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	5.6	μM (EC ₅₀)
MW	297.7	
cLogP	2.5	
Ligand Efficiency		
PSA	72.8	A ²
Permeability/ Efflux Ratio		P _{app} x 10 ⁶ (cm/sec)
Solubility	10	μM