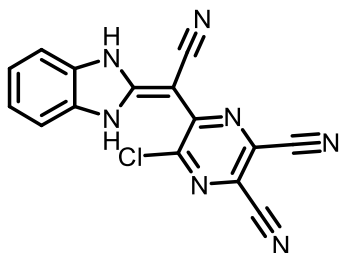


## READDI-AC Compound CV

### Compound IDs

Investigator or Origin	Matthias Gotte
Investigator ID	EN-M-9 (Z56772803)
READDI-AC ID	<b>RA-0001211-01</b>
SMILES	<chem>N#C/C(C1=NC(C#N)=C(C#N)N=C1Cl)=C2NC3=CC=CC=C3N\2</chem>

### Hit properties:



Viral Family	Coronavirus	Notes
Target	NSP12 (RdRp)	
Site		
PicoGreen Assay (CoV-2 RdRp)	67.7%	Inhibition (10 μM)
PicoGreen Assay (LASV RdRp)	NA	
In-vitro Potency (RdRp, CoV-2)	1.3	μM (IC <sub>50</sub> ) Gel-based assay
In-vitro Potency (h-mtRNAP)	114	μM (IC <sub>50</sub> ) Gel-based assay
In-vitro Potency ( )		
Cellular Anti-viral activity	NA	
MW	319.71	
cLogP	0.332	
Ligand Efficiency	0.35	
PSA	121.21	A <sup>2</sup>
Permeability/ Efflux Ratio		Papp x 10 <sup>6</sup> (cm/sec)
Calcd. Log Solubility (M)	-4.99	*Poor solubility in DMSO