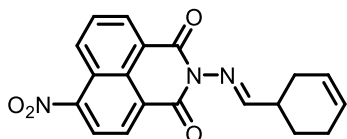


## READDI-AC Compound CV

### Compound IDs

Investigator or Origin	Matthias Gotte
Investigator ID	Z49691729
READDI-AC ID	<b>RA-0001212-01</b>
SMILES	<chem>O=C(C1=C2C(C([N+])([O-])=O)=CC=C23)=CC=C1)N(/N=C/C4CCC=CC4)C3=O</chem>

### Hit properties:



Viral Family	Coronavirus	Notes
Target	NSP12 (RdRp)	
Site		
PicoGreen Assay (CoV-2 RdRp)	66.5%	Inhibition (10 $\mu$ M)
PicoGreen Assay (LASV RdRp)	NA	
In-vitro Potency (RdRp, CoV-2)	6.8	$\mu$ M (IC <sub>50</sub> ) Gel-based assay
In-vitro Potency (h-mtRNAP)	NA	$\mu$ M (IC <sub>50</sub> )
Cellular Anti-viral activity	NA	
MW	349.35	
cLogP	3.25	
Ligand Efficiency	0.27	
PSA	92.88	A <sup>2</sup>
Permeability/ Efflux Ratio		Papp x 10 <sup>6</sup> (cm/sec)
Calcd. Log Solubility (M)	-5.92	*Moderate solubility in DMSO