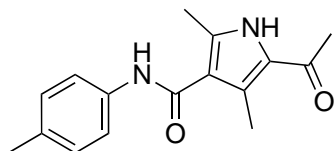


READDI-AC Compound CV

Compound IDs

Investigator or Origin	Nick Heaton
Investigator ID	
READDI-AC ID	RA-0020084-01
SMILES	<chem>CC(=O)C1=C(C)C(C(=O)NC2=CC=C(C)C=C2)=C(C)N1</chem>

Hit properties:



Viral Family	Coronavirus	Notes
Target	NSP10/14(Nuc)	
Site		
Exonuclease	0.2	μM (IC ₅₀)
Gel-based Assay (LASV RdRp)		Inhibition (100 μM)
In-vitro Potency (RdRp, CoV-2)		μM (IC ₅₀) Gel-based assay
Gel-based Assay (h-mtRNAP)		Inhibition (100 μM)
In-vitro Potency (RdRp, CoV-2)		μM (IC ₅₀) PicoGreen
Cellular Anti-viral activity		SARS2 positive (20 μM)
MW	270	
cLogP	3.5	
Ligand Efficiency		
PSA	62	A ²
Permeability/ Efflux Ratio		Papp x 10 ⁶ (cm/sec)
Calcd. Log Solubility		