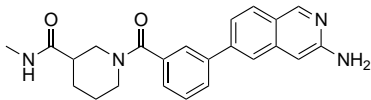


# READDI-AC Compound CV

## Compound IDs

Investigator or Origin	UNC HTS
Investigator ID	
READDI-AC ID	<b>RA-0002121-01</b>
SMILES	<chem>NC1=CC2=CC(C3=CC(C(N4CC(C(NC)=O)CCC4)=O)=CC=C3)=CC=C2C=N1</chem>

## Hit properties:



Viral Family	CHIKV	Notes
Target	Nsp2 prot	
Site		
In-vitro Potency (nsp2, prot)	15	$\mu\text{M}$ (IC <sub>50</sub> )
Cellular Anti-viral activity		
MW	388	
cLogP	3.2	
Ligand Efficiency		
PSA	88	A <sup>2</sup>
Permeability/ Efflux Ratio		Papp x 10 <sup>6</sup> (cm/sec)
Solubility	163	$\mu\text{M}$