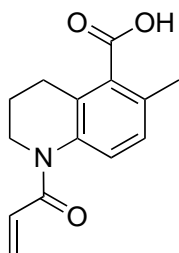


READDI-AC Compound CV

Compound IDs

Investigator or Origin	UNC HTS
Investigator ID	
READDI-AC ID	RA-0003656-01
SMILES	<chem>CC1=C(C(=O)O)C2=C(C=C1)N(C(=O)C=C)CCC2</chem>

Hit properties:



Viral Family	CHIKV	Notes
Target	NSP2 (Helicase)	
Site		
In-vitro Potency Unwindase	3.6	μM (IC_{50})
Cellular Anti-viral activity	>40	IC_{50} μM CHIKV
MW	245	
cLogP	2.2	
Ligand Efficiency		
PSA	58	A^2
Permeability/ Efflux Ratio		$\text{Papp} \times 10^6$ (cm/sec)
Solubility	164	μM