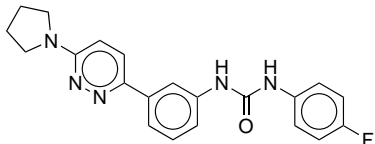


READDI-AC Compound CV

Compound IDs

Investigator or Origin	UNC HTS
Investigator ID	
READDI-AC ID	RA-0002888-01
SMILES	C1CCN(C1)c1ccc(c2cccc(c2)NC(Nc2ccc(cc2)F)=O)nn1

Hit properties:



Viral Family	Alphavirus	Notes
Target	CHIKV Nsp2 prot	
Site		
In-vitro Potency (nsp2, prot)	5	μM (IC ₅₀)
Cellular Anti-viral activity		
MW	377	
cLogP	4.6	
Ligand Efficiency		
PSA	70	A ²
Permeability/ Efflux Ratio		Papp x 10 ⁶ (cm/sec)
Solubility	2.9	μM