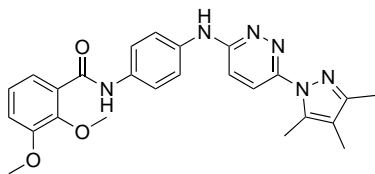


READDI-AC Compound CV

Compound IDs

Investigator or Origin	UNC HTS
Investigator ID	
READDI-AC ID	RA-0002873-01
SMILES	<chem>COC1=C(OC)C(C(=O)NC2=CC=C(NC3=NN=C(N4N=C(C)C(C)=C4C)C=C3)C=C2)=CC=C1</chem>

Hit properties:



Viral Family	Alphavirus	Notes
Target	CHIKV Nsp2 prot	
Site		
In-vitro Potency (nsp2, prot)	25	μM (IC ₅₀)
Cellular Anti-viral activity		
MW	458	
cLogP	4.8	
Ligand Efficiency		
PSA	103	A ²
Permeability/ Efflux Ratio		Papp x 10 ⁶ (cm/sec)
Solubility	2.9	μM