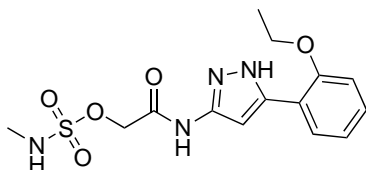


# READDI-AC Compound CV

## Compound IDs

Investigator or Origin	Core D SAR around RA-0002034
Investigator ID	
READDI-AC ID	<b>RA-0020364-01</b>
SMILES	<chem>C(COS(NC)(=O)=O)(=O)NC1=NNC(C2=CC=CC=C2OCC)=C1</chem>

## Hit properties:



## Lead Properties:

Viral Family	Alphavirus	Notes
Target	VEEV Nsp2 prot	
Site		
In-vitro Potency (nsp2, prot)	0.4	μM (IC <sub>50</sub> ) CHIKV
Cellular Anti-viral activity (CHIKV/VEEV/ nLuc IC <sub>50</sub> )	134/120	nM
Cellular Toxicity (CC <sub>50</sub> μM)	>100	
MW	354	
cLogP	2.2	
Ligand Efficiency		
PSA	122	A <sup>2</sup>
Permeability/ Efflux Ratio		Papp x 10 <sup>6</sup> (cm/sec)
Solubility	65	μM