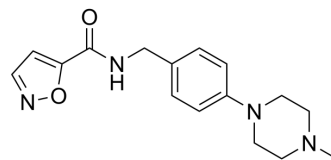


SSAA09E2

Cat. No.:	HY-138067
CAS No.:	883944-52-3
Molecular Formula:	C ₁₆ H ₂₀ N ₄ O ₂
Molecular Weight:	300.36
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 125 mg/mL (416.17 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	3.3293 mL	16.6467 mL	33.2934 mL
		5 mM	0.6659 mL	3.3293 mL	6.6587 mL
	10 mM	0.3329 mL	1.6647 mL	3.3293 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (6.93 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (6.93 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (6.93 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	SSAA09E2 is an inhibitor of SARS-CoV (Severe acute respiratory syndrome-Coronavirus) replication, acting by blocking early interactions of SARS-S with the receptor for SARS-CoV, Angiotensin Converting Enzyme-2 (ACE2) ^[1] .
IC ₅₀ & Target	SARS-CoV ^[1]

REFERENCES

Caution: Product has not been fully validated for medical applications. For research use only.

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