

SSAA09E1

## Chemical Properties

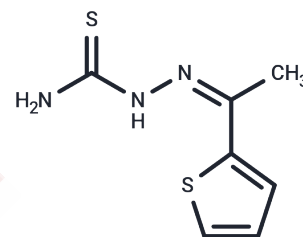
CAS No. : 433212-75-0

Formula: C7H9N3S2

Molecular Weight: 199.3

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	SSAA09E1 is an inhibitor of severe acute respiratory syndrome coronavirus (SARS-CoV) viral entry. It reduces infection of HEK293T cells transiently transfected with angiotensin-converting enzyme 2 (ACE2) by an HIV-based virus system pseudotyped with SARS-CoV surface glycoprotein (EC50= 6.7 μM). SSAA09E1 also inhibits the proteolytic activity of cathepsin L (IC50= 5.33 μM) but not cathepsin B when used at a concentration of 20 μM.
Targets(IC50)	Others, Cysteine Protease, SARS-CoV

## Solubility Information

Solubility	Ethanol: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0176 mL	25.0878 mL	50.1756 mL
5 mM	1.0035 mL	5.0176 mL	10.0351 mL
10 mM	0.5018 mL	2.5088 mL	5.0176 mL
50 mM	0.1004 mL	0.5018 mL	1.0035 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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