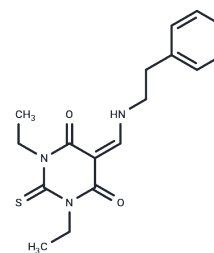


## SARS-CoV-2 Mpro-IN-21

## Chemical Properties

CAS No. :	3041099-79-7
Formula:	C17H21N3O2S
Molecular Weight:	331.43
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	SARS-CoV-2 Mpro-IN-21 (compound A8) is an effective inhibitor of the SARS-CoV-2 and COVID-19 Main Protease MPro. It demonstrates significant antioxidant activity in the DPPH assay with an IC50 of 0.36 mg/mL. SARS-CoV-2 Mpro-IN-21 also shows notable antibacterial activity against Klebsiella, with an IC50 of 1.19 mg/mL.
Targets(IC50)	SARS-CoV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0172 mL	15.0861 mL	30.1723 mL
5 mM	0.6034 mL	3.0172 mL	6.0345 mL
10 mM	0.3017 mL	1.5086 mL	3.0172 mL
50 mM	0.0603 mL	0.3017 mL	0.6034 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

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