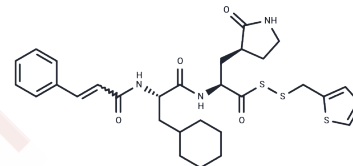


SARS-CoV-2 3CLpro-IN-32

Chemical Properties

CAS No. : 3061799-58-1
 Formula: C₃₀H₃₇N₃O₄S₃
 Molecular Weight: 599.83
 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 3CLpro-IN-32 (compound B16) is a potent inhibitor of the SARS-CoV-2 3CLpro enzyme, with an IC ₅₀ of 0.109 μM. It also demonstrates antiviral activity against the coronavirus HCoV-OC43, with an EC ₅₀ of 1.99 μM.
Targets(IC ₅₀)	SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6671 mL	8.3357 mL	16.6714 mL
5 mM	0.3334 mL	1.6671 mL	3.3343 mL
10 mM	0.1667 mL	0.8336 mL	1.6671 mL
50 mM	0.0333 mL	0.1667 mL	0.3334 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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