

SARS-CoV-2 3CLpro-IN-27

Chemical Properties

CAS No. :

Formula: C29H27F4N5O4

Molecular Weight: 585.55

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-27 (Compound 9H) is an inhibitor of SARS-CoV-2 3CLpro, demonstrating an IC50 of 21 nM. It also exhibits robust anti-replicase activity against SARS-CoV-2, with an EC50 of 5 nM.
Targets(IC50)	SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7078 mL	8.539 mL	17.078 mL
5 mM	0.3416 mL	1.7078 mL	3.4156 mL
10 mM	0.1708 mL	0.8539 mL	1.7078 mL
50 mM	0.0342 mL	0.1708 mL	0.3416 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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