

SARS-CoV-2-IN-48

Chemical Properties

CAS No. :

Formula: C₂₆H₂₅N₀₇

Molecular Weight: 463.48

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-IN-48 (compound 19) is an inhibitor of SARS-CoV-2, with an IC ₅₀ of 2.7 μM against the Omicron BA.1 variant and demonstrating antiviral activities [1].
Targets(IC ₅₀)	SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1576 mL	10.788 mL	21.5759 mL
5 mM	0.4315 mL	2.1576 mL	4.3152 mL
10 mM	0.2158 mL	1.0788 mL	2.1576 mL
50 mM	0.0432 mL	0.2158 mL	0.4315 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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