

SARS-CoV-2-IN-58

Chemical Properties

CAS No. :

Formula: C₂₁H₂₃ClFN₅O₄

Molecular Weight: 463.89

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-58 (Compound 21H) is an antiviral agent targeting SARS-CoV-2, demonstrating an EC ₅₀ of 18 µM and specifically inhibiting the SARS-CoV-2 main protease (Mpro) with an IC ₅₀ of 0.35 µM [1].
Targets(IC ₅₀)	SARS-CoV, Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1557 mL	10.7784 mL	21.5568 mL
5 mM	0.4311 mL	2.1557 mL	4.3114 mL
10 mM	0.2156 mL	1.0778 mL	2.1557 mL
50 mM	0.0431 mL	0.2156 mL	0.4311 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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