

SARS-CoV-2 3CLpro-IN-30

Chemical Properties

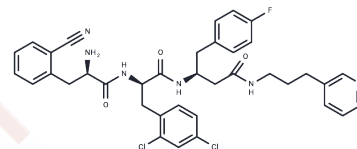
CAS No. :

Formula: C₃₇H₃₇Cl₂FN₆O₃

Molecular Weight: 703.632

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-30 (compound 29) is a potent inhibitor of the SARS-CoV-2 3CL protease (SARS-CoV-2 3CLpro), with an IC ₅₀ of 0.04 μM and an EC ₅₀ of 0.3 μM.
Targets(IC ₅₀)	SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4212 mL	7.106 mL	14.212 mL
5 mM	0.2842 mL	1.4212 mL	2.8424 mL
10 mM	0.1421 mL	0.7106 mL	1.4212 mL
50 mM	0.0284 mL	0.1421 mL	0.2842 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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