

SARS-CoV-2 Mpro-IN-34

Chemical Properties

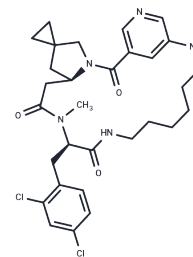
CAS No. :

Formula: C₃₀H₃₇Cl₂N₅O₃

Molecular Weight: 586.55

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 Mpro-IN-34 (Compound 26) acts as an inhibitor of SARS-CoV-2 Mpro with an IC ₅₀ of 6 nM. It also inhibits OC43 Mpro, demonstrating an IC ₅₀ of 33 nM. Furthermore, this compound exhibits antiviral activity in Vero E6 cells infected with SARS-CoV-2, with an EC ₅₀ of 0.103 μM.
Targets(IC ₅₀)	Antifungal,SARS-CoV,Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7049 mL	8.5244 mL	17.0488 mL
5 mM	0.341 mL	1.7049 mL	3.4098 mL
10 mM	0.1705 mL	0.8524 mL	1.7049 mL
50 mM	0.0341 mL	0.1705 mL	0.341 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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