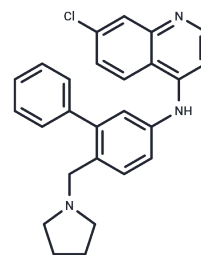


SARS-CoV-2 Mpro-IN-46

Chemical Properties

CAS No. :	1800004-01-6
Formula:	C ₂₆ H ₂₄ ClN ₃
Molecular Weight:	413.94
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-46 (Compound 12) is an inhibitor of the SARS-CoV-2 main protease, with an IC ₅₀ of approximately 25 μM. It exhibits potent antiviral activity and low cytotoxicity against SARS-CoV-2 (IC ₅₀ : 7.4 μM). SARS-CoV-2 Mpro-IN-46 is applicable in coronavirus COVID-19 research.
Targets(IC ₅₀)	SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4158 mL	12.079 mL	24.1581 mL
5 mM	0.4832 mL	2.4158 mL	4.8316 mL
10 mM	0.2416 mL	1.2079 mL	2.4158 mL
50 mM	0.0483 mL	0.2416 mL	0.4832 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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