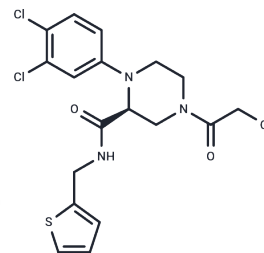


SARS-CoV-2 Mpro-IN-6

Chemical Properties

CAS No. :	2768834-48-4
Formula:	C ₁₈ H ₁₈ Cl ₃ N ₃ O ₂ S
Molecular Weight:	446.78
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-6 is a selective, covalent, and irreversible inhibitor of SARS-CoV-2 main protease (Mpro) with an inhibition concentration (IC ₅₀) of 0.18 μM, and does not inhibit human cathepsins B, F, K, and L, or caspase 3.
Targets(IC ₅₀)	Others,SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2382 mL	11.1912 mL	22.3824 mL
5 mM	0.4476 mL	2.2382 mL	4.4765 mL
10 mM	0.2238 mL	1.1191 mL	2.2382 mL
50 mM	0.0448 mL	0.2238 mL	0.4476 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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