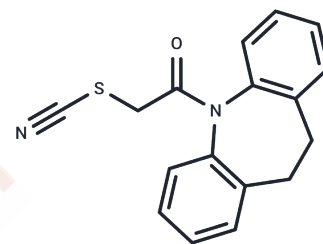


SARS-CoV-2 3CLpro-IN-16

Chemical Properties

CAS No. :	352659-40-6
Formula:	C17H14N2OS
Molecular Weight:	294.37
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-16 is a covalent inhibitor of SARS-CoV-2 3CLpro activity, exerting its effect by forming a covalent bond with Cys145.
Targets(IC50)	SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3971 mL	16.9854 mL	33.9709 mL
5 mM	0.6794 mL	3.3971 mL	6.7942 mL
10 mM	0.3397 mL	1.6985 mL	3.3971 mL
50 mM	0.0679 mL	0.3397 mL	0.6794 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.

Reference

Ren P, et al. Discovery and Mechanism Study of SARS-CoV-2 3C-like Protease Inhibitors with a New Reactive Group. J Med Chem. 2023 Aug 18.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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