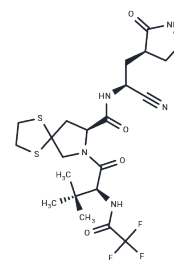


SARS-CoV-2-IN-41

Chemical Properties

CAS No. :	2920904-06-7
Formula:	C22H30F3N5O4S2
Molecular Weight:	549.63
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-IN-41 (compound 2) is a potent SARS-CoV-2 3CL protease inhibitor with an IC50 of 0.022 µM, demonstrating significant antiviral efficacy [1].
Targets(IC50)	SARS-CoV
In vivo	SARS-CoV-2-IN-41, administered intraperitoneally at doses of 50 and 200 mg/kg, exhibits antiviral activity against SARS-CoV-2 infection in mice [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8194 mL	9.097 mL	18.1941 mL
5 mM	0.3639 mL	1.8194 mL	3.6388 mL
10 mM	0.1819 mL	0.9097 mL	1.8194 mL
50 mM	0.0364 mL	0.1819 mL	0.3639 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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