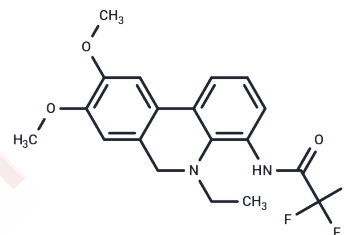


SARS-CoV-2-IN-17

Chemical Properties

CAS No. :	2761911-44-6
Formula:	C ₁₉ H ₁₉ F ₃ N ₂ O ₃
Molecular Weight:	380.36
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-17 (Compound 16) is a highly effective inhibitor of the SARS-CoV-2 nucleocapsid protein (NPro), demonstrating potent antiviral activity with an EC ₅₀ value of 2.18 μM and binding to NPro with a low K _d value of 7.82 μM, underscoring its potency as a NPro ligand [1].
Targets(IC50)	Others,SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6291 mL	13.1454 mL	26.2909 mL
5 mM	0.5258 mL	2.6291 mL	5.2582 mL
10 mM	0.2629 mL	1.3145 mL	2.6291 mL
50 mM	0.0526 mL	0.2629 mL	0.5258 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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