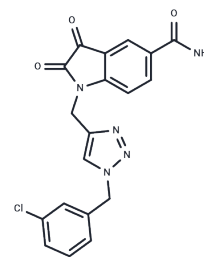


D1N8

Chemical Properties

CAS No. : 2894770-40-0
 Formula: C₁₉H₁₄ClN₅O₃
 Molecular Weight: 395.8
 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	D1N8 is a potent inhibitor of the SARS-CoV-2 3CL protease, displaying an IC ₅₀ value of 0.44 μM and a CC ₅₀ value of greater than 20 μM. It holds promise for the development of anti-SARS-CoV-2 agents that target the 3CL protease [1].
Targets(IC ₅₀)	SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5265 mL	12.6326 mL	25.2653 mL
5 mM	0.5053 mL	2.5265 mL	5.0531 mL
10 mM	0.2527 mL	1.2633 mL	2.5265 mL
50 mM	0.0505 mL	0.2527 mL	0.5053 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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