

CDD-1819

Chemical Properties

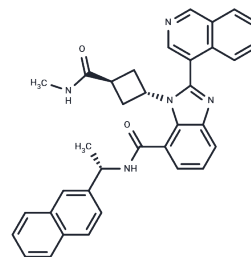
CAS No. : 2894104-40-4

Formula: C₃₅H₃₁N₅O₂

Molecular Weight: 553.65

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	CDD-1819, a non-covalent and non-peptide compound, serves as a potent SARS-CoV-2 Mpro inhibitor, exhibiting a K _i value of 5 nM. It also effectively inhibits the Mpro variants ΔP168, A173V, and ΔP168/A173V [1].
Targets(IC ₅₀)	SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8062 mL	9.031 mL	18.062 mL
5 mM	0.3612 mL	1.8062 mL	3.6124 mL
10 mM	0.1806 mL	0.9031 mL	1.8062 mL
50 mM	0.0361 mL	0.1806 mL	0.3612 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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