

NIP-22c

Chemical Properties

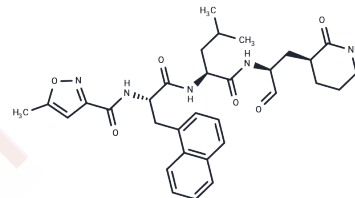
CAS No. : 2309384-85-6

Formula: C₃₂H₃₉N₅O₆

Molecular Weight: 589.68

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	NIP-22c, a novel inhibitor of coronavirus 3CL pro, exhibits antiviral activity [1]. The compound's EC ₅₀ values are 4.6 μM for Verona, 1.1 μM for Calu3, 0.1 μM for Caco2, and 0.6 μM for HBTEC-ALI.
Targets(IC ₅₀)	SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6958 mL	8.4792 mL	16.9584 mL
5 mM	0.3392 mL	1.6958 mL	3.3917 mL
10 mM	0.1696 mL	0.8479 mL	1.6958 mL
50 mM	0.0339 mL	0.1696 mL	0.3392 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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