

Influenza A virus-IN-7

Chemical Properties

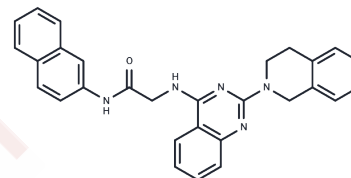
CAS No. : 2464415-40-3

Formula: C₂₉H₂₅N₅O

Molecular Weight: 459.54

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	Influenza A virus-IN-7 (compound 16r) is a potent, orally active inhibitor of influenza A virus with an IC ₅₀ of 3.43 μM and a CC ₅₀ greater than 100 μM. This anti-IAV agent exhibits low cytotoxicity and effectively inhibits viral RNA transcription and replication.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1761 mL	10.8804 mL	21.7609 mL
5 mM	0.4352 mL	2.1761 mL	4.3522 mL
10 mM	0.2176 mL	1.088 mL	2.1761 mL
50 mM	0.0435 mL	0.2176 mL	0.4352 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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