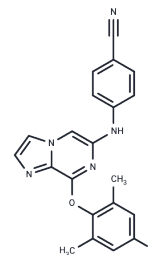


Influenza virus-IN-8

Chemical Properties

CAS No. :	1627115-50-7
Formula:	C ₂₁ H ₁₆ BrN ₅ O
Molecular Weight:	434.29
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 virus-IN-8 (compound A4), an inhibitor of the influenza virus (Influenza Virus), functions by inducing aggregation of the viral nucleoprotein (NP) and blocking its accumulation in the nucleus. This compound exhibits broad-spectrum anti-influenza properties, effectively inhibiting the replication and transcription of influenza A virus. Additionally, Influenza virus-IN-8 is effective against Oseltamivir-resistant H1N1/pdm09 strains [1].
Targets(IC50)	Influenza Virus

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3026 mL	11.513 mL	23.0261 mL
5 mM	0.4605 mL	2.3026 mL	4.6052 mL
10 mM	0.2303 mL	1.1513 mL	2.3026 mL
50 mM	0.0461 mL	0.2303 mL	0.4605 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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