

Influenza virus-IN-4

Chemical Properties

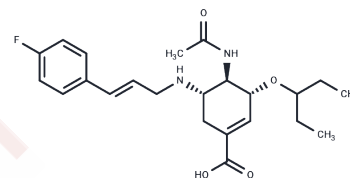
CAS No. : 2133818-85-4

Formula: C₂₃H₃₁FN₂O₄

Molecular Weight: 418.5

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-4 (compound 11e) is a potent inhibitor of influenza virus neuraminidase, effective against H5N1 (IC ₅₀ : 3.4 μM), H5N2 (IC ₅₀ : 0.094 μM), H5N6 (IC ₅₀ : 0.79 μM), and H5N8 (IC ₅₀ : 0.077 μM). It inhibits NA (neuraminidase) and exhibits low cytotoxicity (CC ₅₀ > 200 μM), and is not significantly toxic to mice at 1500 mg/kg.
Targets(IC ₅₀)	Others, Influenza Virus

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3895 mL	11.9474 mL	23.8949 mL
5 mM	0.4779 mL	2.3895 mL	4.779 mL
10 mM	0.2389 mL	1.1947 mL	2.3895 mL
50 mM	0.0478 mL	0.2389 mL	0.4779 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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Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481