

Anti-IAV agent 1

Chemical Properties

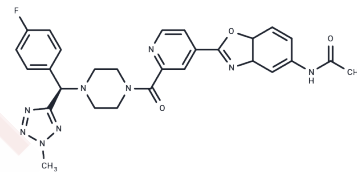
CAS No. :

Formula: C₂₈H₂₈FN₉O₃

Molecular Weight: 557.58

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	Anti-IAV Agent 1-1a is an orally administered compound effective against the Influenza A virus (IAV), demonstrating inhibitory concentration 50 (IC ₅₀) values of 0.03 μM and 0.06 μM for the H1N1 strain and the Oseltamivir-resistant H1N1 strain of IAV, respectively.
Targets(IC ₅₀)	Others, Influenza Virus

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7935 mL	8.9673 mL	17.9346 mL
5 mM	0.3587 mL	1.7935 mL	3.5869 mL
10 mM	0.1793 mL	0.8967 mL	1.7935 mL
50 mM	0.0359 mL	0.1793 mL	0.3587 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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