

RdRP-IN-8

Chemical Properties

CAS No. :

Formula: C₂₃H₂₁N₃O₆S

Molecular Weight: 467.49

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	RdRP-IN-8 (compound 45) is an antiviral agent targeting influenza viruses. It inhibits the viral RNA-dependent RNA polymerase (RdRP) activity by disrupting the heterodimerization of the PA and PB1 subunits, with an IC ₅₀ value of 0.13 μM.
Targets(IC ₅₀)	Influenza Virus

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1391 mL	10.6954 mL	21.3908 mL
5 mM	0.4278 mL	2.1391 mL	4.2782 mL
10 mM	0.2139 mL	1.0695 mL	2.1391 mL
50 mM	0.0428 mL	0.2139 mL	0.4278 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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