

RdRP-IN-4

Chemical Properties

CAS No. :

Formula: C17H17Br2N3O2

Molecular Weight: 455.14

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-4 (compound 11q) is an arylbenzohydrazide analogue, an orally active inhibitor of influenza A virus RNA-dependent RNA polymerase (RdRp) that directly binds the PB1 subunit of RdRp. RdRP-IN-4 inhibited H1N1 (A/PR/8/34) Flu A and Flu B strains (B/Lee/1940) in a dose-dependent manner with EC50 values of 53 nM and 20 nM, respectively. RdRP-IN-4 had a significant antiviral effect in infected mice.
Targets(IC50)	Others, Influenza Virus

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1971 mL	10.9856 mL	21.9713 mL
5 mM	0.4394 mL	2.1971 mL	4.3943 mL
10 mM	0.2197 mL	1.0986 mL	2.1971 mL
50 mM	0.0439 mL	0.2197 mL	0.4394 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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