

HIV-1 inhibitor-14

Chemical Properties

CAS No. :

Formula: C₂₉H₃₂N₆O₄S

Molecular Weight: 560.67

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	HIV-1 inhibitor-14 is a potent, broad-spectrum inhibitor of HIV-1 non-nucleoside reverse transcriptase (RT) (IC ₅₀ =0.14 μM for HIV-1 RT). HIV-1 inhibitor-14 inhibits both wild-type and drug-resistant HIV-1 strains (EC ₅₀ : 5.79-28.3 nM).
Targets(IC ₅₀)	Others,HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7836 mL	8.9179 mL	17.8358 mL
5 mM	0.3567 mL	1.7836 mL	3.5672 mL
10 mM	0.1784 mL	0.8918 mL	1.7836 mL
50 mM	0.0357 mL	0.1784 mL	0.3567 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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