

HIV-1 inhibitor-74

Chemical Properties

CAS No. :

Formula: C28H31N9O2S

Molecular Weight: 557.67

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-74 (compound 10c) is a potent inhibitor of HIV-1, displaying an EC ₅₀ of 0.0047 μ M against HIV-1IIIB. It exhibits cytotoxic properties and effectively inhibits the activity of WTHIV-1RT with an IC ₅₀ of 0.134 μ M. Additionally, HIV-1 inhibitor-74 demonstrates broad-spectrum anti-HIV-1 activity.
Targets(IC ₅₀)	HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7932 mL	8.9659 mL	17.9318 mL
5 mM	0.3586 mL	1.7932 mL	3.5864 mL
10 mM	0.1793 mL	0.8966 mL	1.7932 mL
50 mM	0.0359 mL	0.1793 mL	0.3586 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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