

HIV-1 inhibitor-81

Chemical Properties

CAS No. :

Formula: C32H44N2O8S

Molecular Weight: 616.77

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-81 (Compound 14g) is an HIV-1 protease inhibitor with a K_i of 1.6 nM. This compound exhibits antiviral activity against HIV-1, with an EC_{50} value of 250 nM.
Targets(IC_{50})	HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6213 mL	8.1067 mL	16.2135 mL
5 mM	0.3243 mL	1.6213 mL	3.2427 mL
10 mM	0.1621 mL	0.8107 mL	1.6213 mL
50 mM	0.0324 mL	0.1621 mL	0.3243 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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