

HIV-1 protease-IN-4

Chemical Properties

CAS No. :

Formula: C48H69N7O11

Molecular Weight: 920.1

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 protease-IN-4 (Compound II-22), a potent inhibitor of the HIV-1 protease, acts as a prodrug for atazanavir and significantly enhances its bioavailability in rat plasma, achieving a 5-fold increase in the area under the curve (AUC) and a 67-fold increase in concentration at 24 hours (C24) compared to oral administration of atazanavir alone [1].
Targets(IC50)	Others,HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0868 mL	5.4342 mL	10.8684 mL
5 mM	0.2174 mL	1.0868 mL	2.1737 mL
10 mM	0.1087 mL	0.5434 mL	1.0868 mL
50 mM	0.0217 mL	0.1087 mL	0.2174 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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