

HIV-1 inhibitor-77

Chemical Properties

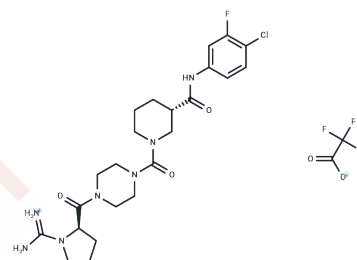
CAS No. :

Formula: C₂₅H₃₂ClF₄N₇O₅

Molecular Weight: 622.01

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-77 (compound 13) is an HIV-1 inhibitor capable of neutralizing three different viruses: HIV-1CH58TF, HIV-1JRFL, and HIV-1AD8. The IC ₅₀ values for these viruses are 0.14 μM, 8.28 μM, and 2.92 μM, respectively.
Targets(IC ₅₀)	HIV Protease, Tyrosinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6077 mL	8.0385 mL	16.0769 mL
5 mM	0.3215 mL	1.6077 mL	3.2154 mL
10 mM	0.1608 mL	0.8038 mL	1.6077 mL
50 mM	0.0322 mL	0.1608 mL	0.3215 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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