

HIV-1 inhibitor-49

Chemical Properties

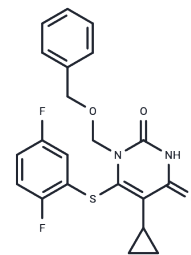
CAS No. :

Formula: C₂₁H₁₈F₂N₂O₃S

Molecular Weight: 416.44

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-49, a HEPT analog, is an orally active non-nucleoside reverse transcriptase inhibitor with potent activity against HIV-1, demonstrating an IC ₅₀ of 30 nM. It features an excellent pharmacokinetic profile and has shown to be potentially safe without acute toxicity in mouse models.
Targets(IC ₅₀)	Others,HIV Protease,Reverse Transcriptase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4013 mL	12.0065 mL	24.0131 mL
5 mM	0.4803 mL	2.4013 mL	4.8026 mL
10 mM	0.2401 mL	1.2007 mL	2.4013 mL
50 mM	0.048 mL	0.2401 mL	0.4803 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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