

HIV-1 inhibitor-80

Chemical Properties

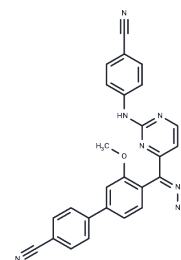
CAS No. :

Formula: C₂₆H₁₉N₇O

Molecular Weight: 445.475

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-80 (compound M44) is an HIV-1 inhibitor with an EC ₅₀ of 5-148 nM. It demonstrates excellent metabolic stability and low cytotoxicity in human plasma and liver microsomes. |
| Targets(IC ₅₀) | HIV Protease |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.2448 mL | 11.2238 mL | 22.4477 mL |
| 5 mM | 0.449 mL | 2.2448 mL | 4.4895 mL |
| 10 mM | 0.2245 mL | 1.1224 mL | 2.2448 mL |
| 50 mM | 0.0449 mL | 0.2245 mL | 0.449 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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