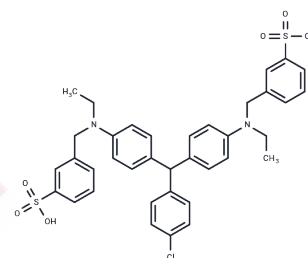


HIV-1 inhibitor-82

Chemical Properties

CAS No. : 43099-56-5
 Formula: C₃₇H₃₇ClN₂O₆S₂
 Molecular Weight: 705.28
 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-82 (Compound L14) is a small molecule inhibitor of HIV-1 entry with oral bioavailability, exhibiting an IC ₅₀ value of 0.39 μM. It holds potential for research in combating HIV-1 infection.
Targets(IC ₅₀)	HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4179 mL	7.0894 mL	14.1788 mL
5 mM	0.2836 mL	1.4179 mL	2.8358 mL
10 mM	0.1418 mL	0.7089 mL	1.4179 mL
50 mM	0.0284 mL	0.1418 mL	0.2836 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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