

mC46 peptide

Chemical Properties

CAS No. :

Formula: C263H381N67O82S

Molecular Weight: 5825.3

Keep away from moisture

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	mC46 (C46) peptide is a membrane-associated fusion peptide inhibitor that effectively impedes the replication and entry of HIV-1. Additionally, mC46 peptide can inhibit CCR5-tropic, CXCR4-tropic, and dual-tropic HIVs, as well as SIV and SHIV.
Targets(IC50)	Others,HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1717 mL	0.8583 mL	1.7166 mL
5 mM	0.0343 mL	0.1717 mL	0.3433 mL
10 mM	0.0172 mL	0.0858 mL	0.1717 mL
50 mM	0.0034 mL	0.0172 mL	0.0343 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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