

## C34 peptide

## Chemical Properties

CAS No. :

Formula: C186H283N51O64S

Molecular Weight: 4289.61

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	C34 peptide, also referred to as HR2, is a biologically active peptide integral to the helical region of HIV's gp41 and is specifically the C-terminal heptad repeat 2 (HR2), denoted as the C helix or C peptide. It functions as a potent inhibitor of HIV-1 fusion, thereby impeding the virus's entry into cells via membrane fusion.
Targets(IC50)	HIV Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2331 mL	1.1656 mL	2.3312 mL
5 mM	0.0466 mL	0.2331 mL	0.4662 mL
10 mM	0.0233 mL	0.1166 mL	0.2331 mL
50 mM	0.0047 mL	0.0233 mL	0.0466 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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