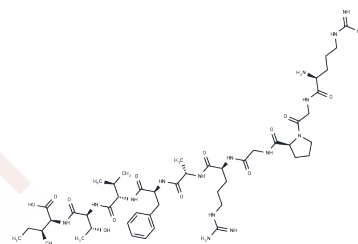


HIV gp120 (318-327)

Chemical Properties

CAS No. :	147841-68-7
Formula:	C48H80N16O12
Molecular Weight:	1073.25
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	HIVgp120 (318-327) is a short sequence (rgpggrafvti) from the envelope peptide of the HIV-1 IIIB strain, corresponding to the conserved C-terminal region of the glycoprotein. It is part of the HIV vaccine V3 peptide epitope, also known as the I10 peptide. However, HIVgp120 (318-327) lacks the A2 anchor residues needed for epitope-specific CTL recognition but possesses structural features that allow mixed A2 binding.
Targets(IC50)	HIV Protease
In vitro	HIV gp120 (318-327) (0.5 μM) reduces the CTL response in JA2 cells that express the 7DV3 mutant [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9317 mL	4.6587 mL	9.3175 mL
5 mM	0.1863 mL	0.9317 mL	1.8635 mL
10 mM	0.0932 mL	0.4659 mL	0.9317 mL
50 mM	0.0186 mL	0.0932 mL	0.1863 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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