

Tifuvirtide

Chemical Properties

CAS No. :	251562-00-2
Formula:	C235H341N57O67
Molecular Weight:	5036.55
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	Tifuvirtide (T-1249) is a synthetically designed peptide and fusion inhibitor targeting human immunodeficiency virus type-1 (HIV-1), exhibiting antiretroviral activity. This hybrid retroviral envelope polypeptide is utilized in the research of HIV infection [1].
Targets(IC50)	HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1985 mL	0.9927 mL	1.9855 mL
5 mM	0.0397 mL	0.1985 mL	0.3971 mL
10 mM	0.0199 mL	0.0993 mL	0.1985 mL
50 mM	0.004 mL	0.0199 mL	0.0397 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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