

HIV-1 TAT 48-60

Chemical Properties

CAS No. :

Formula: C70H131N35O16

Molecular Weight: 1719

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	HIV-1 TAT (48-60) is a cell-penetrating peptide derived from the human immunodeficient virus (HIV)-1 Tat protein residue 48-60. This is one of the cell-penetrating peptides generated from the human immunodeficient virus -1 Tat protein residue 48-60.
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Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5817 mL	2.9087 mL	5.8173 mL
5 mM	0.1163 mL	0.5817 mL	1.1635 mL
10 mM	0.0582 mL	0.2909 mL	0.5817 mL
50 mM	0.0116 mL	0.0582 mL	0.1163 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.

Reference

Vivès E, et al. A truncated HIV-1 Tat protein basic domain rapidly translocates through the plasma membrane and accumulates in the cell nucleus. J Biol Chem. 1997 Jun 20;272(25):16010-7.

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