

Biotin-TAT (47-57) acetate

Chemical Properties

CAS No. :

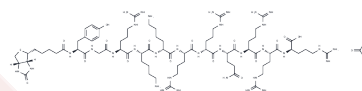
Formula: C76H136N34O18S

Molecular Weight: 1846.18

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	Biotin-TAT (47-57) acetate is a biotin-labeled TAT polypeptide and a transactivator of transcription. Biotin-TAT (47-57) acetate is one of the most widely used peptides in protein transduction domains.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5417 mL	2.7083 mL	5.4166 mL
5 mM	0.1083 mL	0.5417 mL	1.0833 mL
10 mM	0.0542 mL	0.2708 mL	0.5417 mL
50 mM	0.0108 mL	0.0542 mL	0.1083 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

Jean Philippe Richard, et al. Cellular uptake of unconjugated TAT peptide involves clathrin-dependent endocytosis and heparan sulfate receptors. J Biol Chem. 2005 Apr 15;280(15):15300-6.

Chen Sun, et al. Intracellular tracking of single native molecules with electroporation-delivered quantum dots. Anal Chem. 2014 Nov 18;86(22):11403-9.

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