

Transdermal Peptide TFA (918629-48-8 free base)

Chemical Properties

CAS No. :

Formula: C42H65F3N14O18S2

Molecular Weight: 1175.17

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	Transdermal Peptide TFA (TD 1 Peptide TFA) is an 11-amino acid polypeptide that binds to Na ⁺ /K ⁺ -atpase beta-subunit (ATP1B1) and interacts with the C terminal of ATP1B1. Transdermal Peptide TFA can enhance the transmission of some large molecules in the skin.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8509 mL	4.2547 mL	8.5094 mL
5 mM	0.1702 mL	0.8509 mL	1.7019 mL
10 mM	0.0851 mL	0.4255 mL	0.8509 mL
50 mM	0.017 mL	0.0851 mL	0.1702 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

Wang C, et al. Role of the Na(+)/K(+)-ATPase beta-subunit in peptide-mediated transdermal drug delivery. Mol Pharm. 2015 Apr 6;12(4):1259-67.

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