

[SER140]-PLP(139-151) TFA (122018-58-0 free base)

Chemical Properties

CAS No. :

Formula: C74H105F3N20O19

Molecular Weight: 1635.74

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	[SER140]-PLP(139-151) (TFA) is a polypeptide fragment of the myelin lipid protein.
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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	0.6113 mL	3.0567 mL	6.1134 mL
5 mM	0.1223 mL	0.6113 mL	1.2227 mL
10 mM	0.0611 mL	0.3057 mL	0.6113 mL
50 mM	0.0122 mL	0.0611 mL	0.1223 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

Kordopati GG, et al. Biologically relevant conformational features of linear and cyclic proteolipid protein (PLP) peptide analogues obtained by high-resolution nuclear magnetic resonance and molecular dynamics. J Comput Aided Mol Des. 2017 Jul 29.

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