

Neuropeptide Y (29-64), amide, human TFA

Chemical Properties

CAS No. :

Formula: C191H286F3N55O59S

Molecular Weight: 4385.7

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

Neuropeptide Y (29-64), amide, human (TFA) is involved in Alzheimer's disease (AD) and protects rat cortical neurons against β -Amyloid toxicity. It is showed that Neuropeptide Y (29-64), amide, human (TFA) is able to protect cortical neurons from A β 25-35 toxicity.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.228 mL	1.1401 mL	2.2801 mL
5 mM	0.0456 mL	0.228 mL	0.456 mL
10 mM	0.0228 mL	0.114 mL	0.228 mL
50 mM	0.0046 mL	0.0228 mL	0.0456 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

Croce N, et al. Neuropeptide Y protects rat cortical neurons against β -amyloid toxicity and re-establishes synthesis and release of nerve growth factor. ACS Chem Neurosci. 2012 Apr 18;3(4):312-8.

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