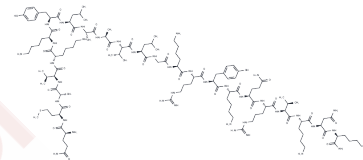


PACAP-38 (16-38), human, mouse, rat

Chemical Properties

CAS No. : 144025-82-1
Formula: C123H215N39O285
Molecular Weight: 2720.33
Storage: Keep away from moisture
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	PACAP-38 (16-38), human, mouse, rat, exhibits potent, efficacious, and sustained stimulatory effects on sympathetic neuronal NPY and catecholamine production.
Targets(IC50)	PACAP

Solubility Information

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

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3676 mL	1.838 mL	3.676 mL
5 mM	0.0735 mL	0.3676 mL	0.7352 mL
10 mM	0.0368 mL	0.1838 mL	0.3676 mL
50 mM	0.0074 mL	0.0368 mL	0.0735 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

Braas KM, et al. Pituitary adenylate cyclase-activating polypeptides, PACAP-38 and PACAP-27, regulation of sympathetic neuron catecholamine, and neuropeptide Y expression through activation of type I PACAP/VIP receptor isoforms. Ann N Y Acad Sci. 1996 Dec 26;805:204-16.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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