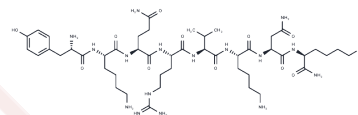


PACAP-38 (31-38), human, mouse, rat

Chemical Properties

CAS No. :	138764-85-9
Formula:	C47H83N17O11
Molecular Weight:	1062.27
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	PACAP-38 (31-38), [human, mouse, rat], exhibits potent, efficacious, and sustained stimulatory effects on sympathetic neuronal NPY and catecholamine production.
Targets(IC50)	ERK,EGFR,Calcium Channel,Reactive Oxygen Species

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	0.9414 mL	4.7069 mL	9.4138 mL
5 mM	0.1883 mL	0.9414 mL	1.8828 mL
10 mM	0.0941 mL	0.4707 mL	0.9414 mL
50 mM	0.0188 mL	0.0941 mL	0.1883 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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