

PACAP (6-38), human, ovine, rat

Chemical Properties

CAS No. : 143748-18-9

Formula: C182H300N56O45S

Molecular Weight: 4024.74

FTDSYSRYRKQMAVKKYLAALVGLGKRYKQKRVKKNK-NH₂

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	PACAP (6-38), human, ovine, rat, is a potent and selective antagonist of PACAP 38, outperforming PACAP (6-27) in inhibiting PACAP-27-stimulated pituitary adenylate cyclase.
Targets(IC50)	PACAP

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	0.2485 mL	1.2423 mL	2.4846 mL
5 mM	0.0497 mL	0.2485 mL	0.4969 mL
10 mM	0.0248 mL	0.1242 mL	0.2485 mL
50 mM	0.005 mL	0.0248 mL	0.0497 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

Gourlet P, et al. Fragments of pituitary adenylate cyclase activating polypeptide discriminate between type I and II recombinant receptors. Eur J Pharmacol. 1995 Dec 4;287(1):7-11.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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