

PACAP-Related Peptide (PRP), human

Chemical Properties

CAS No. :

Formula: C139H229N41O42

Molecular Weight: 3146.57

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-Related Peptide (PRP), human, a 29-amino acid region of the PACAP precursor protein, is synthesized in sufficient quantities for biological and structural studies.
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	0.3178 mL	1.589 mL	3.1781 mL
5 mM	0.0636 mL	0.3178 mL	0.6356 mL
10 mM	0.0318 mL	0.1589 mL	0.3178 mL
50 mM	0.0064 mL	0.0318 mL	0.0636 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

Wray V, et al. Synthesis, solution structure and biological action of PACAP-related peptide. Biomed Pept Proteins Nucleic Acids. 1995;1(2):77-82.

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