

Prepro VIP (81-122), human

Chemical Properties

CAS No. : 111366-38-2

Formula: C202H325N53O64S

Molecular Weight: 4552.13

HADGVFTSDFSKLLGQLSAKKYLESLMGKRVSNNISEDVPVPV

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	Prepro VIP (81-122), human, is a peptide derived from prepro-vasoactive intestinal polypeptide (VIP), corresponding to residues 81-122.
Targets(IC50)	PACAP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2197 mL	1.0984 mL	2.1968 mL
5 mM	0.0439 mL	0.2197 mL	0.4394 mL
10 mM	0.022 mL	0.1098 mL	0.2197 mL
50 mM	0.0044 mL	0.022 mL	0.0439 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

Yiangou Y, et al. Isolation, characterization, and pharmacological actions of peptide histidine valine 42, a novel prepro-vasoactive intestinal peptide-derived peptide. J Biol Chem. 1987 Oct 15;262(29):14010-3.

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481