

Preprosomatostatin (25-34)

Chemical Properties

CAS No. : 112173-60-1

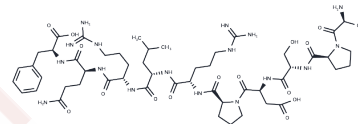
Formula: C52H83N17O15

Molecular Weight: 1186.32

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

Preprosomatostatin (25-34) is a peptide.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8429 mL	4.2147 mL	8.4294 mL
5 mM	0.1686 mL	0.8429 mL	1.6859 mL
10 mM	0.0843 mL	0.4215 mL	0.8429 mL
50 mM	0.0169 mL	0.0843 mL	0.1686 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

Benoit R, Esch F, Bennett HP, Ling N, Ravazzola M, Orci L, Mufson EJ. Processing of prosomatostatin. *Metabolism*. 1990 Sep;39(9 Suppl 2):22-5. Review. PubMed PMID: 1976214.

Ravazzola M, Benoit R, Ling N, Orci L. Prosomatostatin-derived antrin is present in gastric D cells and in portal blood. *J Clin Invest*. 1989 Feb;83(2):362-6. PubMed PMID: 2563263; PubMed Central PMCID: PMC303689.

Benoit R, Ling N, Esch F. A new prosomatostatin-derived peptide reveals a pattern for prohormone cleavage at monobasic sites. *Science*. 1987 Nov 20;238(4830):1126-9. PubMed PMID: 2891188.

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