

gamma-Preprotachykinin amide (72-92) acetate

Chemical Properties

CAS No. :

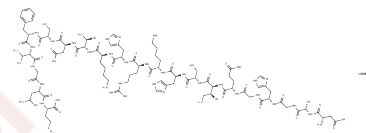
Formula: C101H162N34O31S

Molecular Weight: 2380.64

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	gamma-preprotachykinin amide (72-92) acetate is a 21 amino acid peptide belonging to the tachykinin (TK) family and including neurokinin A (NKA) in its C-terminal sequence. gamma-preprotachykinin amide (72-92) acetate possesses higher affinity than NKA for central NK-2 receptors; it shows lower affinity for NK-1 receptors, however, it potently stimulates salivary secretion, which is mediated by NK-1 receptor activation.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4201 mL	2.1003 mL	4.2006 mL
5 mM	0.084 mL	0.4201 mL	0.8401 mL
10 mM	0.042 mL	0.210 mL	0.4201 mL
50 mM	0.0084 mL	0.042 mL	0.084 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

Polidori C , Sta Ff Inati G , Perfumi M C , et al. Neuropeptide gamma: a mammalian tachykinin endowed with potent antidipsogenic action in rats.[J]. Physiology & Behavior, 1995, 58(3):595-602.

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