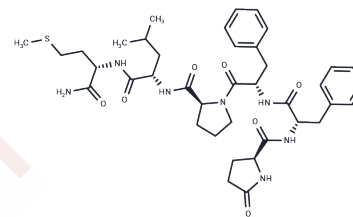


Septide

Chemical Properties

CAS No. :	79775-19-2
Formula:	C39H53N7O7S
Molecular Weight:	763.95
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Septide is an NK1 receptor agonist acting at a site distinct from substance P.
Targets(IC50)	Neurokinin receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.309 mL	6.5449 mL	13.0899 mL
5 mM	0.2618 mL	1.309 mL	2.618 mL
10 mM	0.1309 mL	0.6545 mL	1.309 mL
50 mM	0.0262 mL	0.1309 mL	0.2618 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

- Torrens Y, Beaujouan JC, Saffroy M, Glowinski J. Involvement of septide-sensitive tachykinin receptors in inositol phospholipid hydrolysis in the rat urinary bladder. *Peptides*. 1995;16(4):587-94. PubMed PMID: 7479288.
- Ahluwalia A, Giuliani S, Maggi CA. Demonstration of a 'septide-sensitive' inflammatory response in rat skin. *Br J Pharmacol*. 1995 Oct;116(4):2170-4. PubMed PMID: 8564245; PubMed Central PMCID: PMC1908977.
- Huleux C, Berthier A, Rossignol B, Dreux C. A "septide-sensitive" receptor is not involved in tachykinin-mediated secretory and inositol phosphate responses in rat parotid gland: are several transduction pathways involved after the stimulation of the NK1 receptor? *J Neurochem*. 1998 Feb;70(2):858-64. PubMed PMID: 9453583.
- Ricciardolo FL, Trevisani M, Geppetti P, Nadel JA, Amadesi S, Bertrand C. Role of nitric oxide and septide-insensitive NK(1) receptors in bronchoconstriction induced by aerosolised neurokinin A in guinea-pigs. *Br J Pharmacol*. 2000 Mar;129(5):915-20. PubMed PMID: 10696090; PubMed Central PMCID: PMC1571918.

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