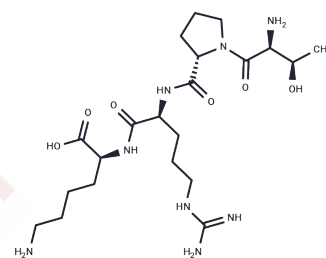


Kentsin

Chemical Properties

CAS No. :	56767-30-7
Formula:	C ₂₁ H ₄₀ N ₈ O ₆
Molecular Weight:	500.59
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	Kentsin, as a contraceptive polypeptide, has central opiate properties on gastrointestinal motility.
Targets(IC50)	Opioid Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9976 mL	9.9882 mL	19.9764 mL
5 mM	0.3995 mL	1.9976 mL	3.9953 mL
10 mM	0.1998 mL	0.9988 mL	1.9976 mL
50 mM	0.040 mL	0.1998 mL	0.3995 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

- Fox DA, Ayres EA, Wire WS, Lui G, Yamamura HI, Burks TF. Kentsin: tetrapeptide from hamster embryos produces naloxone-sensitive effects without binding to opioid receptors. *Peptides*. 1987 Jul-Aug;8(4):613-8. PubMed PMID: 2819832.
- Messiha FS. Enkephalins, their constituents and voluntary drinking of ethanol by the rat. *Physiol Behav*. 1989 Jul;46(1):29-33. PubMed PMID: 2813554.
- Bueno L, Fioramonti J, Menezo Y. Central opioid-like influence of a tetrapeptide from hamster embryo (kentsin) on gastrointestinal motility in dogs. *Eur J Pharmacol*. 1985 Aug 7;114(1):67-70. PubMed PMID: 4043221.
- Wieczorek Z, Zimecki M, Słoń JJ, Siemion IZ. The immunomodulatory activity of tetra- and tripeptides of tuftsin-kentsin group. *Peptides*. 1994;15(2):215-21. PubMed PMID: 8008626.

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