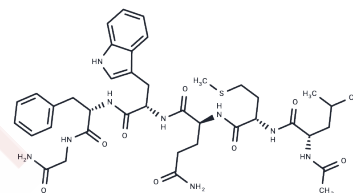


L 659874

Chemical Properties

CAS No. : 125989-15-3
 Formula: C₄₀H₅₅N₉O₈
 Molecular Weight: 821.98
 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	L 659874 is a cyclic hexapeptide. It is also a tachykinin antagonist.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2166 mL	6.0829 mL	12.1657 mL
5 mM	0.2433 mL	1.2166 mL	2.4331 mL
10 mM	0.1217 mL	0.6083 mL	1.2166 mL
50 mM	0.0243 mL	0.1217 mL	0.2433 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

- Munro FE, Fleetwood-Walker SM, Parker RM, Mitchell R. The effects of neurokinin receptor antagonists on mustard oil-evoked activation of rat dorsal horn neurons. *Neuropeptides*. 1993 Nov;25(5):299-305. PubMed PMID: 8115032.
- Fleetwood-Walker SM, Parker RM, Munro FE, Young MR, Hope PJ, Mitchell R. Evidence for a role of tachykinin NK2 receptors in mediating brief nociceptive inputs to rat dorsal horn (laminae III-V) neurons. *Eur J Pharmacol*. 1993 Sep 28;242(2):173-81. PubMed PMID: 8253113.
- Fan TP, Hu DE, Guard S, Gresham GA, Watling KJ. Stimulation of angiogenesis by substance P and interleukin-1 in the rat and its inhibition by NK1 or interleukin-1 receptor antagonists. *Br J Pharmacol*. 1993 Sep;110(1):43-9. PubMed PMID: 7693287; PubMed Central PMCID: PMC2176009.
- Hall JM, Flowers JM, Morton IK. A pharmacological study of NK1 and NK2 tachykinin receptor characteristics in the rat isolated urinary bladder. *Br J Pharmacol*. 1992 Nov;107(3):777-84. PubMed PMID: 1282072; PubMed Central PMCID: PMC1907736.

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