

L 659837

Chemical Properties

CAS No. : 125989-10-8

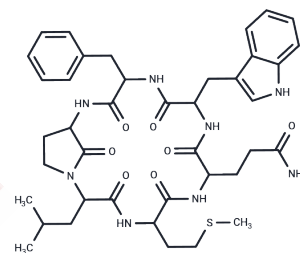
Formula: C₄₀H₅₂N₈O₇S

Molecular Weight: 788.96

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	L 659837 is an antagonist of ANC-2, lactam, and tackykinin.
Targets(IC50)	Others, Neurokinin receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2675 mL	6.3375 mL	12.6749 mL
5 mM	0.2535 mL	1.2675 mL	2.535 mL
10 mM	0.1267 mL	0.6337 mL	1.2675 mL
50 mM	0.0253 mL	0.1267 mL	0.2535 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

Palea S, Corsi M, Artibani W, Ostardo E, Pietra C. Pharmacological characterization of tachykinin NK2 receptors on isolated human urinary bladder, prostatic urethra and prostate. *J Pharmacol Exp Ther.* 1996 May;277(2):700-5. PubMed PMID: 8627548.

Corsi M, Palea S, Pietra C, Oliosi B, Gaviraghi G, Sugg E, Van Amsterdam FT, Trist DG. A further analysis of the contraction induced by activation of cholecystokinin A receptors in guinea pig isolated ileum longitudinal muscle-myenteric plexus. *J Pharmacol Exp Ther.* 1994 Aug;270(2):734-40. PubMed PMID: 7520941.

Kunitomo M, Imaizumi N, Sameshima E, Fujiwara M. Pharmacological analysis of receptors involved in tachykininergic contraction induced by electrical transmural stimulation in the rabbit iris sphincter muscle. *Regul Pept.* 1993 Jul 2;46(1-2):282-4. PubMed PMID: 7692516.

McKnight AT, Maguire JJ, Elliott NJ, Fletcher AE, Foster AC, Tridgett R, Williams BJ, Longmore J, Iversen LL. Pharmacological specificity of novel, synthetic, cyclic peptides as antagonists at tachykinin receptors. *Br J Pharmacol.* 1991 Oct;104(2):355-60. PubMed PMID: 1665732; PubMed Central PMCID: PMC1908569.

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