

A 75998

Chemical Properties

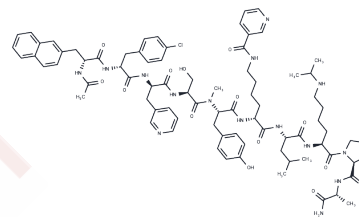
CAS No. : 135215-95-1

Formula: C₈₀H₁₀₄ClN₁₅O₁₄

Molecular Weight: 1535.25

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	A 75998 is a synthetic antagonist of luteinizing hormone releasing hormone.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6514 mL	3.2568 mL	6.5136 mL
5 mM	0.1303 mL	0.6514 mL	1.3027 mL
10 mM	0.0651 mL	0.3257 mL	0.6514 mL
50 mM	0.013 mL	0.0651 mL	0.1303 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

Haviv F, Bush EN, Knittle J, Greer J. LHRH antagonists. Pharm Biotechnol. 1998;11:131-49. Review. PubMed PMID: 9760679.

Cannon JB, Krill SL, Porter WR. Physicochemical properties of A-75998, an antagonist of luteinizing hormone releasing hormone. J Pharm Sci. 1995 Aug;84(8):953-8. PubMed PMID: 7500280.

Haviv F, Fitzpatrick TD, Nichols CJ, Bush EN, Diaz G, Bammert G, Nguyen AT, Johnson ES, Knittle J, Greer J. In vitro and in vivo activities of reduced-size antagonists of luteinizing hormone-releasing hormone. J Med Chem. 1994 Mar 4;37(5):701-5. PubMed PMID: 7510341.

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