

[Gln8]-C517 (LH-RH), chicken acetate

Chemical Properties

CAS No. :

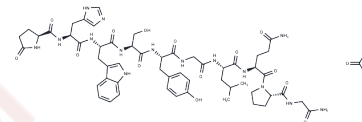
Formula: C56H75N15O16

Molecular Weight: 1214.31

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	[Gln8]-C517 (LH-RH), chicken acetate is an avian hypothalamic peptide that stimulates release of gonadotropins from anterior pituitary, thus regulating reproductive functions.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8235 mL	4.1176 mL	8.2351 mL
5 mM	0.1647 mL	0.8235 mL	1.647 mL
10 mM	0.0824 mL	0.4118 mL	0.8235 mL
50 mM	0.0165 mL	0.0824 mL	0.1647 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

Maurer JA, et al. Luteinizing hormone-releasing hormone (LHRH) neurons maintained in hypothalamic slice explant cultures exhibit a rapid LHRH mRNA turnover rate. J Neurosci. 1997 Dec 15;17(24):9481-91.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481