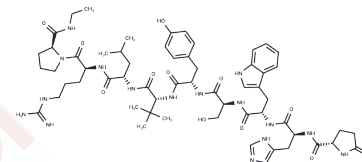


Lecirelin

Chemical Properties

CAS No. :	61012-19-9
Formula:	C59H84N16O12
Molecular Weight:	1209.4
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	Lecirelin is a synthetic GnRH (gonadotropin releasing hormone) analogue which shows a great efficacy in the treatment of bovine ovarian follicular cysts.
Targets(IC50)	GNRH Receptor

Solubility Information

Solubility	DMSO: 12.1 mg/mL (10 mM), Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8269 mL	4.1343 mL	8.2686 mL
5 mM	0.1654 mL	0.8269 mL	1.6537 mL
10 mM	0.0827 mL	0.4134 mL	0.8269 mL
50 mM	0.0165 mL	0.0827 mL	0.1654 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

Rizzo A et al. Bovine ovarian follicular cysts: in vitro effects of lecirelin, a GnRH analogue. Theriogenology. 2010 Dec;74(9):1559-69.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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