

Lecirelin acetate(61012-19-9 free base)

Chemical Properties

CAS No. :

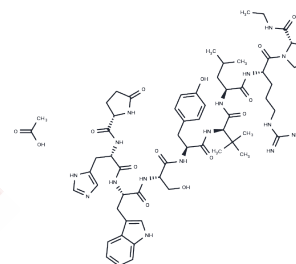
Formula: C61H88N16O14

Molecular Weight: 1269.45

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	Lecirelin acetate 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: 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	0.7877 mL	3.9387 mL	7.8774 mL
5 mM	0.1575 mL	0.7877 mL	1.5755 mL
10 mM	0.0788 mL	0.3939 mL	0.7877 mL
50 mM	0.0158 mL	0.0788 mL	0.1575 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481