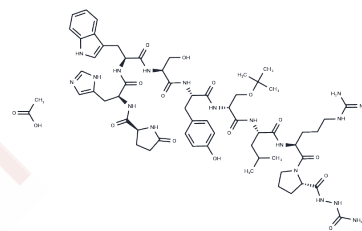


Goserelin acetate

Chemical Properties

CAS No. :	145781-92-6
Formula:	C ₆₁ H ₈₈ N ₁₈ O ₁₆
Molecular Weight:	1329.46
Appearance:	no data available
Storage:	keep away from moisture,keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Goserelin acetate (Fertilan) is a synthetic long-acting agonist of gonadotropin-releasing hormone, used in treatments of cancer.
Targets(IC50)	Apoptosis,GNRH Receptor

Solubility Information

Solubility	DMSO: 28 mg/mL (21.06 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	0.7522 mL	3.7609 mL	7.5219 mL
5 mM	0.1504 mL	0.7522 mL	1.5044 mL
10 mM	0.0752 mL	0.3761 mL	0.7522 mL
50 mM	0.015 mL	0.0752 mL	0.1504 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.

Reference

I.K. Morton; Judith M. Hall (6 December 2012). Concise Dictionary of Pharmacological Agents: Properties and Synonyms. Springer Science & Business Media. pp. 136-.

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