

Goserelin acetate

Chemical Properties

CAS No. : 145781-92-6

Formula: C₆₁H₈₈N₁₈O₁₆

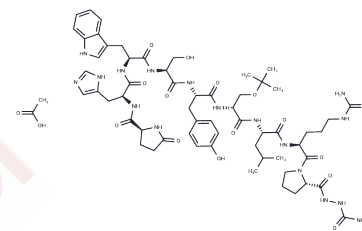
Molecular Weight: 1329.46

Storage:

Keep away from moisture, Keep away from direct sunlight

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	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: 250 mg/mL (188.05 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (1.5 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

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.

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

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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