
Product Data Sheet

Product Name: Goserelin
Cat. No.: GP21262
Batch No.: 1

Product Data

Purity	>98%	Source	
Physical Appearance	solid	Shipping Condition	Store at 2-8°C

Solubility It is recommended to reconstitute the lyophilized Goserelin in sterile 18MΩ-cm H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Formulation The Goserelin peptide was lyophilized with no additives.

Introduction

Goserelin is a hormone similar to the one normally released from the hypothalamus gland in the brain (GnRH super-agonist). It is used to treat for prostate and breast cancer. Goserelin decreases the amount of estrogen and testosterone by this treating endometriosis and cancer of the breast, and can help thin the uterus lining before surgery. Goserelin prevents the growth of tissue associated with endometriosis. Reducing the amount of testosterone is one way of treating prostate cancer.

Stability

Lyophilized Goserelin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C . Upon reconstitution Goserelin should be stored at 4°C between 2-7 days and for future use below -18°C . For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Background

Goserelin contains 10 amino acids Glu1-His2-Trp3-Ser4-Tyr5-D-Ser(tBu)6-Leu7-Arg8-Pro9-AzGly10-NH₂ and having a molecular weight of 1269.43 Dalton.

Caution: Product has not been fully validated for medical applications. For research use only.

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