



Product Datasheet

Product Name Goserelin
Cata No CB500704
Source
Synonyms

Description

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.

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.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried)

powder.

Purity

Greater than 98.0% as determined by:

- (a) Analysis by RP-HPLC.
- (b) Analysis by SDS-PAGE

Formulation

The Goserelin peptide was lyophilized with no additives.

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.