www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

Goserelin

Catalog #:HOPS-263

For research use only.

Description: Goserelin is a hormone similar to the one normally released from the hypothalamus gland in the brain (GnRH super-agonist). Goserelin 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 althoμgh 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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

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

To place an order, please Click HERE.

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