

Product: Goserelin
Catalog #: 12-4226
Amount: 500 µg

DESCRIPTION:

Goserelin is a hormone similar to the one normally released from the hypothalamus gland in the brain. It is used to treat for prostate and breast cancer. Goserelin decreases the amount of estrogen and testosterone by this treating 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

SOURCE:

Synthetic peptide

PURITY:

> 98%, as determined by:

(a) Analysis by RP-HPLC and anion-exchange FPLC

(b) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel

ENDOTOXIN:

< 0.1 ng/µg (IEU/µg) of Goserelin

DIMERS & AGGREGATES:

< 1% as determined by silver stained SDS-PAGE gel analysis

PROTEIN CONTENT:

Protein quantitation was carried out by 2 independent methods:

- UV spectroscopy at 280 nm

- Analysis by RP-HPLC, using a standard solution of Goserelin as a Reference Standard

FORM:

Purified, in 0.1 % BSA

STORAGE:

-20°C (aliquot), avoid freezing and thawing cycles

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