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32-2048: Leuprorelin

Alternative Name : Leuprolide,Leuprorelin.

Description

Leuprolide Human Synthetic is a single, non-glycosylated, polypeptide chain containing 9 amino acids and having a molecular mass of 1209 Dalton. The molecular formula is C59H84N16O12. Leuprorelin (INN) or leuprolide acetate (USAN) is a gonadotropin-releasing hormone agonist (GnRH agonist).By causing constant stimulation of the pituitaryGnRH receptors, it initially causes stimulation (flare), but thereafter decreases pituitary secretion (downregulation) of gonadotropins luteinizing hormone(LH) and follicle-stimulating hormone(FSH).Like other GnRH agonists, leuprolide may be used in the treatment of hormone-responsive cancers such as prostate canceror breast cancer, estrogen-dependent conditions (such as endometriosisor uterine fibroids), to treat precocious puberty, and to control ovarian stimulation in IVF.

Product Info

Amount :	25 mg
Purification :	Greater than 98.0% as determined by RP-HPLC.
Content :	The Leuprorelin was lyophilized from a concentrated (1 mg/ml) solution with no additives.
Storage condition :	Lyophilized Leoprolide although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Leuprorelin 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.
Amino Acid :	pGlu-His-Trp-Ser-Tyr-D-Leu-Leu-Arg-Pro-NHEt.

Application Note

It is recommended to reconstitute the lyophilized Leoprolide in sterile 18MÃ□Â©-cm H2O not less than 100Ã□Âµg/ml, which can then be further diluted to other aqueous solutions.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.