
Product Data Sheet

Product Name: Deslorelin
Cat. No.: GP21238
Batch No.: 1

Product Data

Purity	>98%	Source	
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Solubility	It is recommended to reconstitute the lyophilized Deslorelin in sterile 18MΩ-cm H ₂ O not less than 100μg/ml, which can then be further diluted to other aqueous solutions.		
Formulation	The Deslorelin peptide was lyophilized with no additives.		

Introduction

Deslorelin is being studied in the treatment of cancer as a way to block sex hormones made by the ovaries or testicles. It belongs to the family of drugs called gonadotropin-releasing hormone analogs. It is used for the induction of ovulation in mares. Deslorelin binds to and activates pituitary gonadotropin releasing hormone (GnRH) receptors. Continuous, prolonged administration of goserelin in males results in pituitary GnRH receptor desensitization and inhibition of pituitary secretion of follicle stimulating hormone (FSH) and luteinizing hormone (LH), leading to a significant decline in testosterone production; in females, prolonged administration results in a decrease in estradiol production.

Stability

Lyophilized Deslorelin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C . Upon reconstitution Deslorelin 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

Deslorelin is a potent LHRH/GnRH agonist has a molecular formula of C₆₄H₈₃N₁₇O₁₂, pGlu-His-Trp-Ser-Tyr-D-Trp-Leu-Arg-Pro-NHC₂H₅ having an Mw of

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

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1281.64 Dalton.

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