



## Deslorelin (GnRH agonist), Synthetic Peptide

### Product Data Sheet

Cat. No.:	A2240005	A2240025	A2240100
Size:	5 mg	25 mg	100 mg

#### Description:

Deslorelin is a potent synthetic LHRH/GnRH agonist with a molecular formula of  $C_{64}H_{83}N_{17}O_{12}$ , pGlu-His-Trp-Ser-Tyr-D-Trp-Leu-Arg-Pro-NHC<sub>2</sub>H<sub>5</sub> and a Mw of 1281.64 Dalton.

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.

#### Other Names:

Gonadotropin-releasing hormone (GnRH) superagonist, luteinizing hormone-releasing hormone agonist, luteinising hormone-releasing hormone agonist, GnRH agonist, LHRH agonist

#### Purity:

Greater than 99.0%.

#### Physical Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

#### Formulation:

The Deslorelin peptide was lyophilized with no additives.

#### Reconstitution:

It is recommended to reconstitute the lyophilized Deslorelin in sterile 18M $\Omega$ -cm H<sub>2</sub>O not less than 100 $\mu$ g/ml, which can then be further diluted to other aqueous solutions.

#### Shipping:

Shipped at ambient temperature. Upon receipt, store at the temperature recommended below.

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#### Ilex Life Sciences LLC

1465 Sand Hill Rd, Suite 2018, Candler, NC 28715

Tel: 828-531-9949; Email: info@ilexlife.com

Web: www.ilexlife.com

**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.

**Usage:**

Ilex Life Sciences products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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