



## Product Information

Product ID D1775

CAS No. 57773-65-6

Chemical Name

Synonym

Formula  $C_{64}H_{83}N_{17}O_{12}$

Formula Wt. 1282.47

Melting Point

Purity  $\geq 95\%$

Solubility Insoluble in water. Soluble  
in DMSO.

Store Temp  $-20^{\circ}C$

Ship Temp Ambient

**Description** Deslorelin is a gonadotropin-releasing hormone (GnRH) agonist that is used to control fertility and treat benign prostatic hyperplasia (BPH) in veterinary medicine. Deslorelin decreases expression of GnRH receptors and levels of testosterone, decreasing the volume of the testes and prostate in many male animal models. In male animals, deslorelin is used to instill sterility. In female animals, this peptide is used to induce estrous.

Pyr-His-Trp-Ser-Tyr-D-Trp-Leu-Arg-Pro-NH<sub>2</sub>

**Bulk quantities available upon request**

Product ID	Size
D1775	1 mg
D1775	5 mg
D1775	10 mg

**References** Marino G, Rizzo S, Quartuccio M, et al. Deslorelin Implants in Pre-pubertal Female Dogs: Short- and Long-Term Effects on the Genital Tract. *Reprod Domest Anim.* 2014 Apr;49(2):297-301. PMID: 24467617.

Goericke-Pesch S, Georgiev P, Fasulkov I, et al. Basal testosterone concentrations after the application of a slow-release GnRH agonist implant are associated with a loss of response to buserelin, a short-term GnRH agonist, in the tom cat. *Theriogenology.* 2013 Jul 1;80(1):65-9. PMID: 23622940.

Polisca A, Orlandi R, Troisi A, et al. Clinical efficacy of the GnRH agonist (deslorelin) in dogs affected by benign prostatic hyperplasia and evaluation of prostatic blood flow by Doppler ultrasound. *Reprod Domest Anim.* 2013 Aug;48(4):673-80. PMID: 23320475.

Wolf T, Meyer H, Kutzler M. Litter size response to oestrous induction with deslorelin (Ovuplant®) in dogs. *Reprod Domest Anim.* 2012 Dec;47 Suppl 6:387-8. PMID: 23279545.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.