
Product Data Sheet

Product Name: Deslorelin (H 4065)

Cat. No.: GC30087

Chemical Properties

Cas. No. 57773-65-6

SMILES Pyr-His-Trp-Ser-Tyr-{d-Trp}-Leu-Arg-Pro-NHEt

Formula C₆₄H₈₃N₁₇O₁₂ M.Wt 1282.45

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

Deslorelin is a GnRH agonist. Deslorelin implants can be used as an alternative to dopamine agonists to induce fertile oestrus in the bitch in anoestrus. The deslorelin implant can be used successfully in the queen for oestrus inhibition. Deslorelin acetate did not significantly affect the spontaneous contraction amplitude but caused a decrease in the frequency in the dorsal and ventral parts of the bladder.

[1]. Lucas X. Clinical use of deslorelin (GnRH agonist) in companion animals: a review. *Reprod Domest Anim.* 2014 Oct; [2]. Bujok J et al. Influence of ovariohysterectomy and deslorelin acetate on the spontaneous activity of the rabbit urinary bladder in vitro. *Theriogenology.* 2016 Feb;85(3):441-6.

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

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