

Name	Deslorelin Acetate
Cat #	PP-1170
Size	100 mg (or custom sizes)
CAS#	57773-65-6
Mol. Mass	1282.46
Formula	C ₆₄ H ₈₃ N ₁₇ O ₁₂
Sequence	Glp-His-Trp-Ser-Tyr-D-Trp-Leu-Arg-Pro-NHEt
Purity	>95%
Appearance	White powder
Store	Store at 4oC in a dry, desiccated place.

Deslorelin is a potent LHRH/GnRH agonist has a molecular formula of C₆₄H₈₃N₁₇O₁₂, Pyr-His-Trp-Ser-Tyr-D-Trp-Leu-Arg-Pro-NHEt having a Mw of 1282.47 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. 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.

Carbetocin (INN) is a drug used to control postpartum hemorrhage, bleeding after giving birth.