

32-2007: Alarelin

Alternative Name : Alarelin,Alarelin Acetate.

Description

Source : Alarelin acetate peptide is a single, non-glycosylated polypeptide chain containing 9 amino acids, having a molecular mass of 1167.3 Dalton and a Molecular formula of $C_{56}H_{78}N_{16}O_{12} \times C_2H_4O_2$. The CAS No. is 79561-22-1. Alarelin (Gonadotrophin-releasing hormone) is a synthetic LH-RH agonist that is found in higher amounts than that of LH-RH in rat hypophyseal stimulation of gonadotropin secretion in vivo and in vitro and in ovulation inductions. Alarelin is known for its induction of ovulation. Alarelin acetate is the acetate form of a hypothalamic peptide that stimulates the release of FSH and LH from the pituitary gland.

Product Info

Amount :	10 mg
Purification :	Greater than 98.0% as determined by Analysis by RP-HPLC.
Content :	The Alarelin was lyophilized with no additives.
Storage condition :	Lyophilized Alarelin e although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Alarelin 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.
Amino Acid :	5-oxo-pro-His-Trp-Ser-Tyr-D-Ala-Leu-Arg-Pro-Nhet x CH ₃ COOH.

Application Note

It is recommended to reconstitute the lyophilized Argipressin in sterile 18M Ω -cm H₂O not less than 100 μ g/ml, which can then be further diluted to other aqueous solutions.

