

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 $-18^{\circ}C$. Upon reconstitution Alarelin should be stored at $4^{\circ}C$ between 2-7 days and for future use below $-18^{\circ}C$. 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_3COOH .

Application Note

It is recommended to reconstitute the lyophilized Argipressin in sterile $18M\Omega\text{-cm}$ H₂O not less than $100\ \mu\text{g/ml}$, which can then be further diluted to other aqueous solutions.

