

Alarelin

Description: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.

Catalog #:HOPS-298

For research use only.

Synonyms:Alarelin, Alarelin Acetate.

Physical Appearance:Sterile Filtered White lyophilized (freeze-dried) powder.

Amino Acid Sequence:5-oxo-pro-His-Trp-Ser-Tyr-D-Ala-Leu-Arg-Pro-Nhet x CH_3COOH .

Purity:Greater than 98.0% as determined by Analysis by RP-HPLC.

Formulation:

The Alarelin was lyophilized with no additives.

Stability:

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Solubility:

It is recommended to reconstitute the lyophilized Argipressin in sterile 18M-cm H_2O not less than 100 $\mu g/ml$, which can then be further diluted to other aqueous solutions.

Introduction:

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.

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