
Product Data Sheet

Product Name: Alarelin
Cat. No.: GP21230
Batch No.: 1

Product Data

Purity	>98%	Source	
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Synonyms	Alarelin; Alarelin Acetate.		
Amino Acid Sequence	5-oxo-pro-His-Trp-Ser-Tyr-D-Ala-Leu-Arg-Pro-Nhet x CH ₃ COOH.		
Solubility	It is recommended to reconstitute the lyophilized Argipressin in sterile 18MΩ-cm H ₂ O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.		
Formulation	The Alarelin was lyophilized with no additives.		

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.

Stability

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.

Background

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 C₅₆H₇₈N₁₆O₁₂ x C₂H₄O₂. The CAS No. is 79561-22-1.

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

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