

Alarelin

Item Number	rAP-2577
Synonyms	Alarelin, Alarelin Acetate.
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 x C ₂ H ₄ O ₂ . The CAS No. is 79561-22-1.
Uniprot Accession Number	
Amino Acid Sequence	5-oxo-pro-His-Trp-Ser-Tyr-D-Ala-Leu-Arg-Pro-Nhet x CH ₃ COOH.
Source	
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	The Alarelin was lyophilized with no additives. Greater than 98.0% as determined by Analysis by RP-HPLC.
Application	
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.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**