

Deslorelin

Item Number rAP-2555

Synonyms

Description Deslorelin is a potent LHRH/GnRH agonist has a molecular formula of C₆₄H₈₃N₁₇O₁₂; pGlu-His-Trp-Ser-Tyr-D-Trp-Leu-Arg-Pro-NHC₂H₅; having an Mw of 1281.64 Dalton.

Uniprot Accesion Number

Amino Acid Sequence

Source

Physical Appearance and Stability Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Deslorelin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Deslorelin 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 Deslorelin peptide was lyophilized with no additives. Greater than 99.0% as determined by RP-HPLC.

Application

Solubility It is recommended to reconstitute the lyophilized Deslorelin in sterile 18MΩ-cm H₂O not less than 100µg/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 end users! This product is sold for **Research Use Only**