

Ganirelix

Item Number rAP-2568

Synonyms

Description Ganirelix acetate is a synthetic decapeptide with high antagonistic activity against naturally occurring gonadotropin-releasing hormone (GnRH). Ganirelix acetate is derived from native GnRH with substitutions of amino acids at positions 1, 2, 3, 6, 8, and 10 to form the following molecular formula of the peptide: N-

Uniprot Accesion Number

Amino Acid Sequence

Source

Physical Appearance and Stability Sterile Filtered colorless liquid formulation. Ganirelix should be stored between 2°C- (-30°C) at all time. Please avoid freeze-thaw cycles.

Formulation and Purity The Ganirelix hormone (0.5mg/ml) contains 0.1mg acetic acid and 23.5mg mannitol pH-5. Greater than 98.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Application

Solubility

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**