

Ganirelix Recombinant Protein



RPPB1310

Product Information Protein Information

Product SKU:

RPPB1310

Protein 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-acetyl-3-(2-naphthyl)-D-alanyl-4-chloro-D-phenylalanyl-3-(3-pyridyl)-D-alanyl-L-seryl-L-tyrosyl-N⁹,N¹⁰-diethyl-D-homoarginyl-L-leucyl-N⁹,N¹⁰-diethyl-L-homoarginyl-L-prolyl-D-alanylamide acetate. The molecular weight for Ganirelix acetate is 1570.4 Dalton as an anhydrous free base.

Appearance:

Sterile Filtered colorless liquid formulation.

Formulation:

The Ganirelix hormone (0.5mg/ml) contains 0.1mg acetic acid and 23.5mg mannitol pH-5.

Purity:

Greater than 98.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Stability:

Ganirelix should be stored between 2°C- 8°C at all time. DO NOT FREEZE.