

Synthetic Ganirelix

Catalog No.	CRG104A	Quantity:	50 µg
	CRG104B		150 µg
	CRG104C		0.5 mg

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-N 9, N 10 -diethyl- D-homoarginyl-L-leucyl-N 9, N 10 -diethyl-L-homoarginyl-L-prolyl-D-alanylamide acetate. The molecular weight for Ganirelix acetate is 1570.4 Dalton as an anhydrous free base.

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

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

Physical Appearance: Sterile Filtered colorless liquid formulation.

Storage & Stability: Ganirelix should be stored between 2°C- (-30°C) at all time.
Please avoid freeze-thaw cycles.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

