

## Ganirelix - Purified

**Catalog No.:** AR10208PU-S

**Quantity:** 50 µg

**Concentration:** 0.5 mg/ml

**Source:** Synthetic

**Format:** **State:** Liquid sterile filtered colorless solution  
**Purity:** > 98.0% as determined by both RP-HPLC and SDS-PAGE analysis  
**Buffer System:** 0.1 mg Acetic acid and 23.5 mg Mannitol pH 5

**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<sup>9</sup>,N<sup>10</sup>-diethyl-D-homoarginyl-L-leucyl-N<sup>9</sup>,N<sup>10</sup>-diethyl-L-homoarginyl-L-prolyl-D-alanylacetate.  
The molecular weight for Ganirelix acetate is 1570.4 Dalton as an anhydrous free base.  
**Molecular weight:** 1570.4 Da as an anhydrous free base.

**Storage:** Store the antigen at 2°C to -20°C  
Avoid repeated freezing and thawing.  
Shelf life: one year from despatch.