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AR10206PU-S

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## Cetrorelix - Purified

**Catalog No.:** AR10206PU-S

**Quantity:** 0.25 mg

**Source:** Synthetic

**Format:** **State:** Sterile Filtered White lyophilized (freeze-dried) powder without additives  
**Purity:** > 98.0% as determined both RP-HPLC and SDS-PAGE analysis  
**Reconstitution:** Restore in sterile  $18\text{M}\Omega\text{-cm}^{-1}$   $\text{H}_2\text{O}$  not less than 100  $\mu\text{g/ml}$ , which can then be further diluted to other aqueous solutions.

**Description:** Cetrorelix Acetate is a Synthetic decapeptide with Gonadotropin-Releasing Hormone (GnRH) antagonistic activity.  
Cetrorelix Acetate is an analog of native GnRH with substitutions of amino acids at positions 1, 2, 3, 6, and 10.

**Molecular Formula:**

$\text{C}_{70}\text{H}_{92}\text{ClN}_{17}\text{O}_{14}$  (Ac-D-Nal1-D-Cpa2-D-Pal3-Ser4-Tyr5-D-Cit6-Leu7-Arg8-Pro9-D-Ala10-NH<sub>2</sub>)

**Molecular weight:** 1431 Da calculated as the anhydrous free base.

**Storage:** Prior to reconstitution store at 2-8°C for one month or desiccated below -18°C.  
Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.  
Avoid repeated freezing and thawing.  
Shelf life: one year from despatch.