



Product Datasheet

Product Name Nafarelin Acetate

Cata No CB500696

Source

Synonyms

Description

Nafarelin acetate is a synthetic analog of the naturally occurring gonadotropin-releasing hormone (GnRH). Nafarelin stimulates the release of the pituitary gonadotropins, LH and FSH, resulting in a temporary increase of ovarian steroidogenesis.

Nafarelin is a decapeptide containing 9 amino acids Glu-His-Trp-Ser-Ala-Leu-Arg-Pro.

Nafarelin is purified by proprietary chromatographic techniques.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Purity

Greater than 98.0% as determined by:

(a) Analysis by RP-HPLC.

(b) Analysis by SDS-PAGE

Formulation

The protein (1 mg/ml) was lyophilized with no additives

Stability

Lyophilized Nafarelin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution NAF should be stored at 4°C between 2-7 days and for future use below -18°C.

For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Please prevent freeze-thaw cycles.