

Histrelin - Purified

Catalog No.: AR10234PU-N

Quantity: 5 mg

Background: Histrelin is a hormone similar to one normally released from the hypothalamus gland in the brain. Histrelin works by decreasing the amount of estrogen and testosterone in the blood. Suppressing estrogen can cause thinning of the bones or slowing of their growth. Histrelin acetate is a potent LHRH agonist which stimulates LH and FSH release and inhibits the actions of sex steroids on the male and female reproductive tracts. After a transient increase, continuous administration results in down regulation of LH and FSH levels followed by a suppression of ovarian and testicular steroid biosynthesis. Histrelin potency in vivo and in vitro is similar to that of the D-Trp⁶-containing analog. Especially because of its high water Reconstitution and greater lipophilic character, it appears promising for clinical application.

Source: Synthetic

Format: **State:** Sterile Filtered White lyophilized (freeze-dried) powder without additives
Purity: > 99.0% as determined both RP-HPLC and SDS-PAGE analysis
Reconstitution: Restore in sterile 18MΩ-cm⁻¹ H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Description: Histrelin has a Molecular formula of C₆₆H₈₆N₁₈O₁₂

AA Sequence:

Pyr-His-Trp-Ser-Tyr-D-His(Bzl)-Leu-Arg-Pro-NH₂

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.