99%min LHRH hormone Peptides 5mg White Lyophilized Powder Gonadorelin For Men

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: COA, HPLC MR
- Model Number: HBY-Gonadorelin
- Minimum Order Quantity: 5 boxes
- Price: US $ 47-58/ box
- Packaging Details: 5mg/vial, 10vials/box
- Delivery Time: 3-5 work days after your payment
- Payment Terms: , Western Union, T/T
- Supply Ability: 3000kg/Month



Product Specification

- Peptide Name: Gonadorelin
- CAS No: 33515-09-2
- MF: C55H75N17O13
- MW: 1182.3
- Purity: 99min
- Appearance: White Lyophilized Powder



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Product Description

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Gonadotropin(GnRH) Description

Peptide hormone Gonadotropin-releasing hormone (GnRH); also known as Luteinizing hormone-releasing hormone (LHRH)) is an agonist of the Gonadotropin-releasing hormone receptor (GnRHR; LHRHR). The international non-proprietary name for the Gonadotropin-releasing hormone pharmaceutical form is Gonadorelin, and this medication is a form of the endogenous GnRH and is identical to it in chemical structure.

Gonadorelin was first synthesized in 1977, and for his clarification, Roger Gullemin and Andrew V. Schall received the Nobel Prize.

GnRH is produced by neuroendocrine cells within the hypothalamus. It is considered to be a neuronal hormone because it is produced by certain nerve cells. The key area for the production of GnRH is The hypothalamic preoptic area (POA), which contains most of the GnRH-secreting neurons. Similar to GH (growth hormone) secretion, GnRH is also secreted by pulsatility. GnRH induces the release of gonadotropins Luteinizing hormone (LH) and Follicle-stimulating hormone (FSH) from the anterior pituitary, and its release is the first step in the system of functioning of the hypothalamic-pituitary-gonadial axis, resulting in a significant increase in testo-sterone blood levels in men.

Benefits of gonadotropins

Treatment of hypothalamic amenorrhea, hypogonadism, delayed puberty, cryptorchidism, infertility, and impotence

Pulsed GnRH therapy addresses the hypothalamic-pituitary-gonadal axis and restarts the natural production of testo-sterone.

Supports muscle growth and maintenance by stimulating testo-sterone production

Has a positive effect on recovery from spinal cord injury

Has a neuroprotective effect

Possible side effects of gonadotropins

Overdose or abuse of Gonadorelin can lead to decreased LH and FSH levels and hypogonadism

Hot flashes (sudden mild or strong waves of heat in the body), sweating

Irritation at the injection site (pain, swelling, or itching)

Headache, nausea, or dizziness

Skin rash

Redness of the face

Basic Information Form of Gonadorelin 5mg

Peptide Name	Gonadorelin 5mg
CAS NO.	33515-09-2
MF	C55H75N17O13
MW	1182.3
Appearance	White Lyophilized Powder
Product Purity	99.6%
Shelf life	2 years

Applications of Gonadorelin

Gonadorelin is responsible for the release of follicle-stimulating hormone and luteinizing hormone from the anterior pituitary. In the pituitary GnRH stimulates the synthesis and release of FSH and LH, a process that is controlled by the frequency and amplitude of GnRH pulses, as well as the feedback of androgens and estrogens.

The pulsatility of GnRH secretion has been seen in all vertebrates, and it is necessary to ensure a correct reproductive function. Thus a single hormone, GnRH, controls a complex process of follicular growth, ovulation, and corpus luteum maintenance in the female, and spermatogenesis in the male. Its short half-life requires infusion pumps for its clinical use.

Product Image of Gonadorelin



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