



PT-141 Bremelanotide Growth Hormone Peptides For Treating Sexual Dysfunction

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: COA, HPLC MR
- Model Number: HBY-PT141
- Minimum Order Quantity: 5BOX
- Price: US\$ 51-59 / box
- Packaging Details: 10mg/vial, 10vials/box
- Delivery Time: 3-5 work days after your payment
- Payment Terms: , Western Union, T/T
- Supply Ability: 4000kg/Month



Product Specification

- Product: PT141
- CAS No: 32780-32-8
- Molecular Formula: C₇H₁₅NO₄
- Molecular Weight: 177.2
- Appearance: White, Powder
- Purity: 99.5%
- Storage Temperature: 2~8 Centigrade



More Images



Product Description

PT-141 Bremelanotide Growth Hormone Peptides For Treating Sexual Dysfunction



Basic Information form of PT141

Product Name	PT141
Cas	32780-32-8
Purity	99.5%
Outlook	White powder
MF	C ₇ H ₁₅ NO ₄
MW	177.2
pKa	13.92±0.70

Brief Introduction of PT141

PT-141 (Bremelanotide) has a peptide purity level that exceeds 99.0% as determined by HPLC. PT-141 was synthesized with no additives and is supplied as a white lyophilized (freeze-dried) powder.

PT-141 or Bremelanotide is the generic term for a research peptide being studied for its possible use in helping to improve sexual dysfunction in both men (erectile dysfunction or impotence) and women (sexual arousal disorder). PT-141 was developed from the tanning peptide Melanotan 2, which is a synthetically produced variant of a peptide hormone naturally produced in the body that stimulates melanogenesis that is known as alpha-Melanocyte stimulating hormone. MSH, activates certain melanocortin receptors in the process of exerting its effects. Indeed, MSH also exerts potent influence over lipid metabolism, appetite, and sexual libido.

Resultantly, PT-141 has been shown in studies to exhibit libido-enhancing effects by activating the melanocortin receptors MC1R and MC4R, but not skin tanning. Melanotan 1 and Melanotan 2 have been researched for their use in protecting against the harmful effects of ultraviolet radiation from sunlight due to their melanogenesis-stimulating properties.

Product Image of PT141



Promising

PT141 is a copy of a hormone which has an effect on the nervous system called alpha-melanocyte-stimulating hormone. It has been established that melanocyte-receptors in the brain play a part in several behaviours including sexual arousal. So stimulating these receptors using PT141 may stimulate sexual function.

A study of around 40 female rats showed a three- to five-fold increase in solicitations in rats who were given the drug compared to those which were not. Jim Pfaus, professor of psychology at Concordia University, is carrying out the research into PT141's effects on female rats, and he told BBC News Online: "There's nothing in the arsenal now to treat female sexual dysfunction. That's one of the things that's really promising about this drug". "If you have a woman in a loving relationship, but who just doesn't feel desire for sex, the question is why. What goes on to inhibit that?"

He said it could be that there was an interruption in the "chain of command" within the body which leads to desiring sex.

Potential benefits

PT-141 in Men:

- effective in a broad range of patients, including those with severe ED and those non-responsive to sildenafil
- efficacy in "at-home" studies is comparable to PDE-5 inhibitors
- up to 50% of ED patients were restored to a normal level of function
- co-administration with sildenafil shows superior efficacy
- side effects include facial flushing, nausea, aftertaste and post-nasal drip

PT-141 in Women:

Palatin conducted a Phase 2A study in 18 premenopausal women with a diagnosis of female sexual dysfunction (FSD). Patients reported a significant increase in sexual desire and in genital arousal after receiving PT-141, compared to placebo. Additionally, there was a correlation between sexual desire and genital arousal in patients receiving PT-141, an observation that further reinforces the potential importance of these reports.

PT-141 Usage:

PT-141 has been synthesized for in-vitro laboratory studies to be performed with cells or biological molecules. This product is not a drug and has not been approved by the FDA to prevent or cure any medical condition or disease. The purchaser is solely liable for risk involved with using this product for any purpose outside of in vitro studies.

Package and Shipping of PT141

Package: 10mg/vial, 10vials/box

Shipping: With 3-5 days after your payment



FAQ of PT141

Q1: Do you Accept Sample Order?

A: Yes. The smallest order we accept is one box.

Q2: Is there any discount?

A: Yes, if you want to purchase larger quantity, we can offer a better price for you.

Q3: How long does it take to me if I order?

A: About 3-5 days upon receipt of payment.

Q4: Do you accept VISA business credit card?

A: Yes. VISA business credit card is in our payment.

Q5: What kind of transportation do you have?

A: We have many ways of transportations, eg: Air, Sea, Special Lines, TNT, FEDEX, EMS, ect.



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