



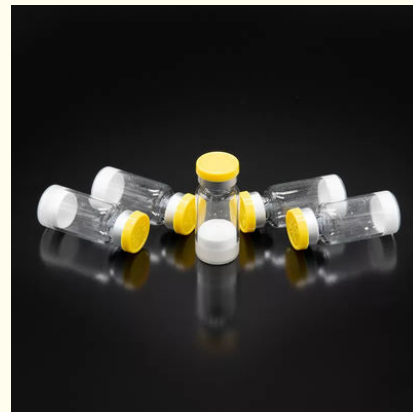
Steroid Hormones Peptide Melanotan I MT -1 White powder CAS 75921-69-6

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: COA, HPLC MR
- Model Number: HBY-Melanotan-1
- Minimum Order Quantity: 5 box
- Price: US\$ 51-57/box
- Packaging Details: 10mg/vial, 10vials/box
- Delivery Time: 3-5 work days after your payment
- Payment Terms: , Western Union, T/T
- Supply Ability: 3000kg/Month



Product Specification

- Name: Melanotan-1
- Molecular Formula: C78H111N21O19
- Molecular Weight: 1646.35
- CAS No.: 75921-69-6
- Purity: 99%
- Appearance: White Powder
- Shelf Life: 2 Years



More Images



Product Description

Steroid Hormones Peptide Melanotan I MT -1 White powder CAS 75921-69-6



Basic Information Form of Melanotan-1

Name	Melanotan-1
CAS NO.	75921-69-6
Molecular Formula	C78H111N21O19
Molecular Weight	1646.85
Purity	99%
Store	Cool Dry Place
Facade	White Powder

What Is Melanotan-1?

1. MT-1 (or Melanotan I, or Afamelanotide, or CUV-1647) is a synthetic analog of peptides nature of endogenous melanocortine peptide alpha-melanocyte stimulating hormone. It has hormones nature as well as common proteins features, its molecular weight/mass is 1646.88 and its molecular formula is C78H111N21O19.

2. Afamelanotide was specifically developed by American scientists LED by V. Hruby in 1991 as a possible research compound that can be used against skin cancer by stimulating tanning system which in own turn would generate protective natural tan during melanogenesis. So that synthetic analog was created to determine if it can show the same effect and stimulate melanocytes to produce and release melanin to protect skin from UV. Most of studies and trials were conducted in United States and Australia.

3. Developed research compound is quite stable cyclic form of original hormone but specifically has much longer half-life period. It works as agonist of specific melanocortin receptor and possesses such property as being selective; And thus it promotes increased level of eumelanin above usual pheomelanin, which provides higher efficacy of photoprotection abilities.

Product Image of Melanotan-1



Application of Melanotan-1

1. Melanotan 1 (also referred to as Afamelanotide) is a synthetic peptide variant of a peptide hormone, called alpha-Melanocyte stimulating

hormone or MSH that is naturally produced in the body and is responsible for stimulating melanogenesis, a peptide process for pigmentation of the skin. Alpha-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 via these melanocortin receptors. As a result, Melanotan-1 sunless skin tanning effects. While Melanotan 2 and PT-141 have been studied at length as a potential remedies for the treatment of sexual dysfunction, Melanotan-1 has been researched extensively for use in protecting against the harmful effects of ultraviolet radiation from sunlight due to its melanogenesis-stimulating properties.

2. Both Melanotan-1 and Melanotan 2 are analogs of the peptide hormone alpha-melanocyte stimulating hormone (α -MSH) that tend to induce skin tanning. Unlike Melanotan 1, Melanotan 2 has been shown to have aphrodisiac properties, the additional effect of increasing libido. Melanotan-1 is a non selective agonist of the melanocortin receptors (MC1R, MC3-5R). As an analogue of α -MSH, its mechanism of action is biomimicry of the natural mammalian tanning process.

Package and Shipping of Melanotan-1

Package: 10mg/vial, 10vials/box

Shipping: With 3-5 days after your payment



FAQ of Melanotan-1

Q1: Do you Accept Sample Order?

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

Q2: Do you accept VISA business credit card?

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

Q3: Is there any discount?

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

Q4: How long does it take to me if I order?

A: About 3-5 days upon receipt of 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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