



Skin Fast Tanning Melanotan 10mg Melanotan 1 Mt 1 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\$ 55-63/box
- Packaging Details: 10mg/vial, 10vials/box
- Delivery Time: 3-5 work days after your payment
- Payment Terms: MoneyGram, Western Union, T/T
- Supply Ability: 3000kg/Month



Product Specification

- Name: Melanotan 1
- CAS No.: 75921-69-6
- Molecular Formula: C78H111N21O19
- MW: 1646.35
- Fineness: 99%
- Appearance: White Powder
- Alias: Melanotan - 1, Melanotan I, Afamelanotide, Melanotan, Melanotropin
- Shelf Life: 2 Years
- Highlight: Skin Fast Tanning Melanotan 10mg, Skin Fast Tanning Melanotan 1, Skin Fast Tanning Mt 1



More Images



Product Description

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Basic Information Form of Melanotan 1

Name	Melanotan 1
CAS NO.	75921-69-6
Molecular Formula	C78H111N21O19
MW	1646.85
Purity	99%
Store	Cool Dry Place
Facade	White Powder
Alias	Melanotan - 1 , Melanotan I , Afamelanotide , Melanotan , Melanotropin

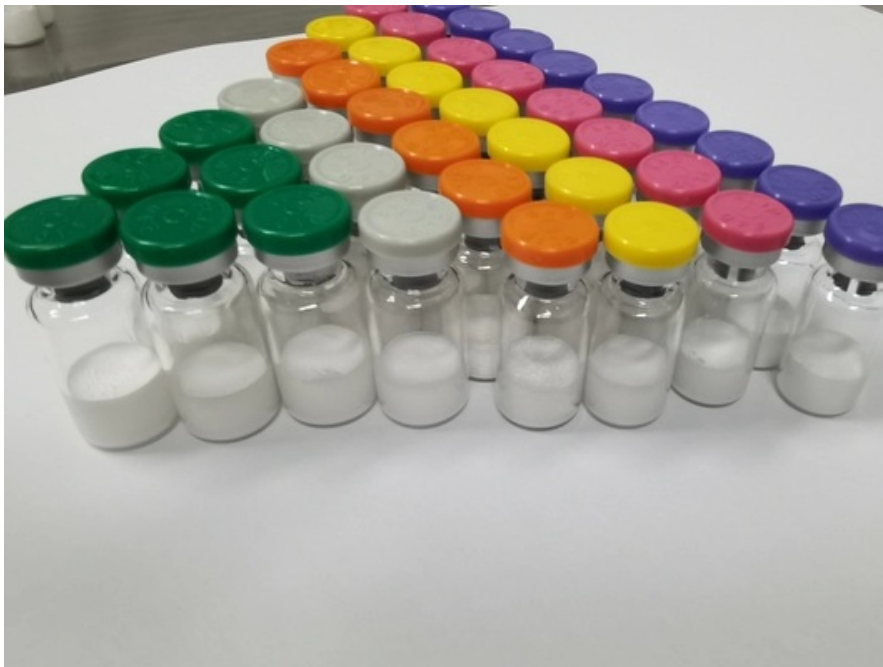
What Is Melanotan 1?

The initial creation of the Melanotan 1 peptide tanning analogue can be credited to the University of Arizona. During the course of study aimed at developing a defense against skin cancer, focus was placed on developing a method of stimulating natural melanogenesis, or the natural production of melanin in the skin, without direct exposure to the potentially harmful ultraviolet radiation in sunlight. Initially, University of Arizona researchers attempted to directly administer the naturally occurring hormone alpha-MSH in order to elicit this desired result. Although this strategy exhibited promising results, it was determined that the naturally occurring MSH had a prohibitively short half-life to be of realistic use as a therapeutic remedy. However, the positive results gleaned from MSH administration encouraged further research into the development of Melanotan 1, which exhibits similar effects whilst possessing an extended half-life for functional therapeutic utilization. The researchers, headed by Victor J. Hruby and Mac E. Hadley, found a peptide, [Nle4, D-Phe7]- α -MSH, that was approximately 1,000 times more potent than natural α -MSH. They named this new peptide molecule "Melanotan" (later Melanotan-1).

Melanotan-1 Mechanism of Action - How it Works!

Melanotan produces its photoprotective effects by triggering a 'signaling cascade' via its activation of the MC1R on melanin-producing cells known as melanocytes. Upon Melanotan binding with the MC1R on the surface of melanocytes in the epidermal layer of the skin, it begins a series of actions and reactions that result in melanocytes favoring the production of eumelanin (photoprotective black/brown pigment). The initial binding activates the MC1R leading to the activation of adenylate cyclase (AC) and stimulation of the production of cyclic adenosine monophosphate (cAMP). cAMP in turn activates protein kinase A (PKA) resulting in the phosphorylation of the cAMP response element-binding (CREB). Phosphorylated CREB will bind to the cAMP response element (CRE) on the microphthalmia-associated transcription factor (MITF) gene leading to the synthesis of the MITF protein. MITF has the ability to activate several genes by binding to them, including the MC1R gene and the genes involved in melanogenesis. This results in increased concentrations of the melanogenic enzymes within the melanocyte.

Product Image of Melanotan 1



Benefits of Melanotan 1

It is believed that Melanotan can help to improve general mood and happiness, and that it is this that stimulate a higher sex drive rather than direct physiological effects of the drug. Studies have also found that it can help men with ED (erectile dysfunction) to achieve more frequent and more rigid erections

Can improve vascular health

Improve blood pressure

Skin pigmentation

Fat burning

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.



Shaanxi Hongbaiyi Biotech Co., Ltd.



18192109180



tracy@sxhongbaiyi.com



peptide-powder.com

Hengjia Business Building, No.115 Weiyang Road, E&T Development Zone, Xi'an, Shaanxi, China.