



MT-1 Human Growth Peptides Powder For Skin Tanning Bodybuilding

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: COA, HPLC MR
- Model Number: HBY-Melanotan I
- 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: , Western Union, T/T
- Supply Ability: 3000kg/Month



Product Specification

- Name: MT-1
- Molecular Weight: 1646.35
- CAS No.: 75921-69-6
- Molecular Formula: C78H111N21O19
- Appearance: White Lyophilized Powder
- Purity: >99%
- Store: Cool Dry Place
- Shelf Life: 2 Years
- Highlight: **MT-1 Human Growth Peptides Powder,
MT-1 For Skin Tanning, MT-1 For Bodybuilding**



More Images



Product Description

Human Growth Hormone Peptide Powder MT-1 for Skin Tanning Bodybuilding



Basic Information Form of MT-1

Name	MT-1
CAS NO.	75921-69-6
Molecular Formula	C78H111N21O19
Molecular Weight	1646.85
Purity	>99%
Appearance	White Lyophilized Powder
Specification	10mg/vial, 10vials/box
Store	Cool Dry Place

What Is MT-1?

Melanotan 1 is a synthetic version of the natural alpha MSH, best known for its effect on melanocytes, the pigment-producing cells in the skin and hair. Strong binding to Melanocortin Receptor 1 mediates this function. MSH is a non-selective full agonist of MCR1, 3, 4, and 5.

Melanotan 1 is a sunless tanning agent that differs from alpha-MSH by a single amino acid. Scientists quickly discovered that while Melanotan 1 caused pigmentation, it increased sexual arousal, appetite and altered baseline metabolism. Other melanocortin-binding proteins have also been studied, including Melanotan 1.

Product Image of MT-1



MT-1 Research

MT-1 Originally Designed for Sunless Tanning

MT-1 has been studied in phase 1 clinical trials for its effect on tanning in humans exposed to ultraviolet radiation. The research showed that subjects administered MT-1 were 75% more likely to tan and 47% less likely to experience sunburn. Compared to controls, subjects given melanotan 1 required 50% less exposure to ultraviolet light to achieve equivalent tanning. They also retained their tan for three weeks longer than those exposed only to UV light[1]. There is some thought among scientists that melanotan 1 could be used to boost tanning in high UV settings to protect against sunburn and the long-term effects of ultraviolet skin damage. This could be particularly useful in individuals with poor-tanning skin types (referred to as type I and type II by the Fitzpatrick scale).

Research in individuals with variant MC1 receptors shows that they are less likely to tan than the average individual. As it turns out, administration of melanotan 1 in this setting increases melanin density and tanning substantially, helping to protect people who do not tan well and are most in need of photoprotection[2]. These are individuals who get limited benefit from sunscreen and, in order to prevent skin cancer, must limit their sun exposure a great deal. This research could open pathways to better UV protection and reduce rates of skin cancer substantially.

There is also interest in using melanotan 1 to treat vitiligo. A small phase 1 trial showed that using melanotan 1 in conjunction with UVB light therapy stimulated both melanin production and the proliferation of the melanocytes that produce melanin. Nearly half of treated patients showed improved pigmentation of vitiligo lesions and a faster rate of repigmentation[3]. Research shows that combining melanotan 1 treatment with existing treatment modalities of vitiligo produces synergistic effects and improved aesthetic outcomes in shorter periods of time[4]. If successful in vitiligo treatment, there may be applications for melanotan 1 treatment in the setting of hypopigmented scars, etc.

Actinic keratosis, also called solar keratosis, is a crusty scaly growth of skin caused by overexposure to UV light. It is considered a precancerous lesion that will eventually lead to squamous cell carcinoma (one type of skin cancer) if left untreated. There are more than 400,000 cases every year. Though obvious lesions can be removed by a dermatologist or surgeon, the vast majority are so small that they cannot be seen or even felt. Melanotan 1 is being investigated as a possible first-line agent for treating these invisible lesions and for preventing their progression to full-blown skin cancer.

Package and Shipping of MT-1

Package: 10mg/vial, 10vials/box

Shipping: With 3-5 days after your payment



FAQ of MT-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.