



CAS 75921-69-6 Melanotan I Hgh Peptides Bodybuilding White Lyophilized Powder

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\$ 55-64/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 I
- CAS No.: 75921-69-6
- Molecular Formula: C78H111N21O19
- Molecular Weight: 1646.35
- Appearance: White Lyophilized Powder
- Purity: 99%min
- Shelf Life: 2 Years
- Alias: Melanotan - 1, Melanotan I, Afamelanotide, Melanotan, Melanotropin
- Highlight: **75921-69-6 Melanotan I, Melanotan I Hgh Peptides Bodybuilding, 75921-69-6 Lyophilized Powder**



More Images



Product Description

CAS 75921-69-6 Melanotan I High Peptides Bodybuilding White Lyophilized Powder



Basic Information Form of Melanotan I

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

What Is Melanotan I?

MELANOTAN 1 (MT-1) is a synthetic equivalent of alpha-melanocyte-stimulating hormone (alpha-MSH). In Europe, the peptide is clinically administered to patients suffering from erythropoietic protoporphyria to prevent phototoxicity or sun-related skin damage. It was initially formulated to act as a sunless tanning agent. Interestingly, it was also observed to influence diverse physiological processes like feeding patterns, central nervous system operations, blood pressure, etc. The molecule's clinical trials are currently in phase II stage for keratosis (a particular kind of skin damage induced by the sun). The more severe squamous cell carcinoma is in phase III stage to treat polymorphous light eruption.

How Does Melanotan I Work?

MELANOTAN 1 is structurally and functionally similar to the physiological alpha-melanocyte-stimulating hormone (alpha-MSH). Alpha-MSH is primarily known to affect melanocytes, skin cells, and hair cells responsible for pigmentation. The hormone interacts strongly with melanocortin receptor 1, thus mediating its role. Alpha-MSH is a non-selective agonist of melanocortin receptors 1, 3, 4, and 5 and completely stimulates them.

MT-1 varies from alpha-MSH by single amino acid and was initially developed as a sunless tanning agent. It was soon discovered that MT-1 also induces sexual arousal, boosts appetite, and modifies baseline metabolism apart from affecting skin pigmentation. Subsequent research on the peptide and other melanocortin-binding proteins helped scientists to explore the melanocortin signaling system better.

Product Image of Melanotan I



Melanotan I Research

Melanotan 1 and Functional Recovery Following Stroke

It isn't just biomarkers in AD that improve following MT-1 treatment. Research in gerbil models of a stroke lasting ten full minutes reveals that treatment with nanomolar doses of melanotan 2 can reduce brain damage, including neuron death, and improve recovering of learning and memory. What is really exciting is that these effects are achieved even melanotan 1 is administered 9 hours after a stroke. It is thought that MT-1 activates repair mechanisms that improve synaptic plasticity and promote long-lasting functional recovery by allowing the brain to reroute learning and memory to healthier areas. The lynch pin in this process appears to be expression of the Zif268 gene. Zif268 is over-expressed in animals given melanotan-1. The same gene is also over-expressed in the models of Alzheimer's disease showing cognitive improvement.

Melanotan 1 Influences Heart and Circulation

Research in rats undergoing heart attack has shown that melanotan 1 and other melanocortins can help to reduce injury and improve circulatory parameters. Administration of MT-1 during CPR and in conjunction with epinephrine helps to restore baseline arterial pressure and heart rate, reverses metabolic acidosis, reduces inflammatory markers, and improves the expression of genes associated with cardiac function. Overall, the therapy improved survival rate by 81%, a substantial increase that may make melanotan 1 or a similar melanocortin a mainstay of emergency advanced cardiac life support.

Package and Shipping of Melanotan I

Package: 10mg/vial, 10vials/box

Shipping: With 3-5 days after your payment



FAQ of Melanotan I

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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