



Skin Protection Human Growth Hormone Peptide Melanotan 2 MT-2 CAS 121062-08-6

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: COA, HPLC MR
- Model Number: HBY-Melanotan 2
- Minimum Order Quantity: 5 box
- Price: US\$ 48-55 /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

- Peptide Name: Melanotan 2
- CAS No.: 121062-08-6
- Peptide Purity: >99.5%
- Molecular Formula: C50H69N15O9
- Molecular Weight: 1024.2
- Appearance: White Lyophilized Powder
- Storage: 2-8°C
- Shelf Life: 2 Years



More Images



Product Description

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Basic Information Form of Melanotan 2

Name	Melanotan 2
CAS NO.	121062-08-6
Purity	>99.5%
MW	1024.2
MF	C ₅₀ H ₆₉ N ₁₅ O ₉
Appearance	White lyophilized powder
Storage	2-8°C

Product Description Of Melanotan 2

Melanotan 2 Tanning Injections (otherwise known as MT2) was first synthesized at the University of Arizona. Researches there knew that one of the best defenses against skin cancer was melanin activated in the skin, a tan. They hypothesized that an effective way to reduce skin cancer rates in people would be to induce the body's natural pigmentary system to produce a protective tan prior to UV exposure.

The body's naturally occurring hormone MSH causes melanogenesis, a process by which the skin's pigment cells (melanocytes) produce the skin's pigment (melanin). They tested to see if administering this endogenous hormone to the body directly could be an effective method to cause sunless tanning. What they found was that while it appeared to work, natural MSH had too short a half life in the body to be practical as a therapeutic drug. So they decided to find a more potent and stable alternative, one that would be more practical.

After synthesizing and screening hundreds of molecules, the researchers headed by Victor J. Hruby and Mac E. Hadley, found a peptide, [Nle⁴, D-Phe⁷] MSH, that was approximately 1,000 times more potent than the natural MSH. They dubbed this new peptide molecule, "Melanotan" (later Melanotan-1, now known as afamelanotide). They subsequently developed another analog, Ac-Nle-cyclo[Asp-His-D-Phe-Arg-Trp-Lys]-NH₂, which they called "Melanotan" Tanning Injections.

The scientists hoped to use these peptides to combat melanoma by stimulating the body's natural pigmentary mechanism to create a tan without first needing exposure to harmful levels of UV radiation. This in turn, they hypothesized, could reduce the potential for skin damage that can eventually lead to skin cancer.

A pilot phase I clinical trial conducted on three males by the College of Medicine, Pharmacology Department, University of Arizona in Tucson, Arizona published in 1996 reported that, "Melanotan" Tanning Injections has tanning activity in humans given only 5 low doses every other day by subcutaneous injection." The side effects reported were mild nausea and a "stretching and yawning complex" that correlated with spontaneous penile erections.

The Department of Pharmacology, University of Arizona College of Medicine published in 1998 that involved 10 men who suffered from psychogenic erectile dysfunction. Their trial concluded that, "Melanotan" Tanning Injections is a potent initiator of erections in men with psychogenic erectile dysfunction and has manageable side effects at a dose of 0.025mg/kg.

A clinical study published in 2000 of 20 men with psychogenic and organic erectile dysfunction conducted at the Section of Urology of The University of Arizona College of Medicine concluded, "that Melanotan II Tanning Injections is a potent initiator of penile erection in men with erectile dysfunction.

Product Image of Melanotan 2



Application of Melanotan 2

If you look hard enough out there, you will find some weird and wonderful dosaging schedules whereby the user calculates their daily dosage by

multiplying their bodyweight by a cofactor. Perhaps this approach has been adopted since this has been the method employed in the ongoing clinical studies. Typically, this type of formula would suggest a dose of 1mg of MT-II per day for someone weighing in at a mere 110lb (50kg).

The cynical among us might be forgiven for thinking that these formulae are constructed by those with a personal interest in the sale of the product as I believe this to be more than necessary to achieve a great result. Indeed, there are many instances whereby users feel they have become too dark.

While I have no problem with a bodyweight dosage scale in principle, I can't help thinking that it's not only unnecessary (particularly for the mathematically challenged), but also avoids the ability to gradually increase dosages from a relatively low level; something which I would advocate to assess individual tolerance levels to side effects, especially in the case of MT-II.

Package and Shipping of Melanotan 2

Package: 10mg/vial, 10vials/box

Shipping: With 3-5 days after your payment



FAQ of Melanotan 2

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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