Muscle Gaining Injectable Lyophilized Peptide PEG-MGF 2mg/Vial Bodybuilding Supplement

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: COA, HPLC MR
- Model Number: HBY-PEG MGF
- Minimum Order Quantity: 5 BOX
- Price: US$ 66-74 / box
- Packaging Details: 2mg/vial, 10vials/box
- Delivery Time: 3-5 work days after your payment
- Payment Terms: MoneyGram, Western Union, T/T
- Supply Ability: 4000kg/Month

Product Specification

- Product Name: PEG MGF
- Molecular Formula: C121H200N42O39
- Molecular Weight: 2948.15
- Purity: >99%
- Synonyms: Pegylated MGF, PEG IGF-1 Ec, PEG Myotrophin
- Appearance: White, Powder

More Images

Our Product Introduction

for more products please visit us on peptide-powder.com

Product Description

Muscle Gaining Injectable Lyophilized Peptide PEG-MGF 2mg/Vial Bodybuilding Supplement

Basic Information form of PEG-MGF

Product Name	PEG MGF
Molecular Formula	C121H200N42O39
Purity	>99%
Appearance	White powder
Molecular Weight	2948.15
Synonyms	Pegylated MGF, PEG IGF-1 Ec, PEG myotrophin
Shelf Life	2 Years

What is PEG-MGF

PEG-MGF, or PEGylated Mechano Growth Factor is a new and innovative form of MGF that outperforms natural MGF many times over. MGF is a splice variant of the IGF gene which increases stem cell count in the muscle and allows for muscle fibers to fuse and mature. This is a process required for the growth of adult muscle. Natural MGF is made locally and does not travel into the bloodstream. Synthetic MGF is water-based and when administered intramuscularly, travels into the bloodstream. MGF is only stable in the bloodstream for only a few minutes.

PEGylation is the act of attaching a Polyethylene glycol (PEG) structure to another larger molecule (in this case, MGF). The PEG acts as a protective coating and the theory here is that this will allow the MGF to be carried through the bloodstream without being broken down.

MGF exhibits local effects in skeletal muscle and cannot travel through the body without modification. The problem with synthetic MGF is that it is introduced intramuscularly and is water based so it goes into the bloodstream. When used this way, MGF only remains stable in the bloodstream for a few minutes. Biologically produced MGF is made locally and does not enter the bloodstream. It is also short acting so stability is not an issue. By PEGylating the MGF it is almost as efficient as locally produced MGF when used intramuscularly. This is accomplished by surrounding part of the peptide with a structure of polyethylene glycol, which can be attached to a protein molecule. The polyethylene glycol groups protect the peptide but don't surround it completely. The active sites of the peptide are still free to do their biological function. In this case, the shell is a negatively charged shield against positively charged compounds that would affect the protein. TNeurological research has shown that utilizing PEGylated MGF resulted in a longer more stable-acting version of the MGF peptide in serum/blood.

Picture of PEG-MGF

Application of PEG-MGF

1. PEG MGF improved regeneration of skeletal muscle: Peg MGF has been shown to extend the half-life of mechano growth factor by ways of initiating PEGylation.

2. PEG MGF faster, more efficient means of injury recovery - Scientific study that has been built on animal test subjects has determined that the overall functionality of Peg MGF causes a boost in the amount of time in which the materials that are needed in order to repair muscle fiber and skeletal tissue can be expressed.

3. PEG MGF: Improvement of bone density - Scientific study that has been based on animal test subjects has determined that the Peg MGF's ability to promote skeletal tissue growth and repair ties to an ability to induce an enhanced amount of bone mineral to be produced.

Benefits of PEG-MGF

PEG-MGF stimulates muscle growth (hypertrophy);
Increases the rate of muscle growth from training;
Rapid repair of existing muscle cells;
Increases in the number of muscle cells (hyperplasia);
Reduces protein breakdown;
Increases the rate & extent of muscle repair after injury.

Consumption Method 1: Localized injection directly into the muscle immediately post-workout
Consumption Method 2: Subcutaneous injection into layer of fat

Preparation for Injection: Add 1ml (100 IU) of sterile solution to the PEG-MGF vial. Every 200mcg is then equal to 0.1ml (10 IU).

PEG-MGF Dosage 1: 200mcg (10 IU) of PEG-MGF split bilaterally between muscles just trained i.e. 100mcg left side, 100mcg right side
PEG-MGF Dosage 2: 200mcg (10 IU) of PEG-MGF is to be injected into abdominal fat
PEG-MGF Doses per Vial: 10 x 200mcg doses (10 doses per vial)

Package and Shipping of PEG-MGF

Package: 2mg/vial, 10vials/box

Shipping: Within 3-5 days after your payment

FAQ of PEG-MGF

Q1: Do you Accept Sample Orders?
A: Yes. The smallest order we accept is one box.

Q2: How long does it take to me if I order?
A: About 3-5 days upon receipt of payment.

Q3: Do you accept VISA business credit cards?
A: Yes. VISA business credit card is in our payment.

Q4: Is there any discount?
A: Yes, if you want to purchase a larger quantity, we can offer a better price for you.

Q5: What kind of transportation do you have?
A: We have many ways of transportation, eg: Air, Sea, Special Lines, TNT, FEDEX, EMS, etc.

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.