



99% Purity Powder Peptide PEG MGF Strengthening Bones 2Mg

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\$ 66-76 / 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

- Name: PEG MGF 2Mg
- MF: C121H200N42O39
- MW: 2948.15
- Aspect: White, Powder
- Purity: 99%
- Synonyms: Pegylated MGF, PEG IGF-1 Ec, PEG Myotrophin
- Highlight: **Peptide PEG MGF Strengthening Bones, PEG MGF Peptide Powder**



More Images



Product Description



Buy 99% Purity White Powder Strengthening Bones Peptide PEG MGF 2Mg Basic Information form of Peptide PEG MGF 2Mg

Product Name	PEG MGF 2Mg
Molecular Formula	C ₁₂₁ H ₂₀₀ N ₄₂ O ₃₉
Purity	99%
Appearance	White powder
Molecular Weight	2948.15
Synonyms	Pegylated MGF, PEG IGF-1 Ec, PEG myotrophin
Shelf Life	2 Years

What is Peptide PEG MGF 2Mg

PEG-MGF is Pegylated Mechano Growth Factor, long-acting variant of MGF, with significantly extended biological elimination half-life: Main disadvantage of MGF (IGF-1Ec) is an extremely short half-life, calculated in a few minutes only (only 5-7 minutes). Pegylation is the process of joining 1 or more strings with the aid of a substance called polyethylene glycol (PEG) molecule to the protein or peptide.

Polyethylene glycol is an inert, non-toxic and very appropriate protection of the amine group due to its structure and flexibility. Since the body does not respond to PEG, its helps to provide a protective barrier around the desired protein or peptide. This results to increase of its half-life and peptide will be able to survive in the body and act a much longer. Pegylation is often used to protect substances that are often exposed to enzymatic attacks.

Picture of Peptide PEG MGF 2Mg



Benefits of Peptide PEG MGF 2Mg

In addition to muscle, PEG-MGF has been suggested to have other effects in the body of animal subjects.

PEG-MGF has been shown to enhance the proliferation and migration of bone marrow-derived mesenchymal stem cells, which are a source of autologous stem cells for transplantation to the heart.

There is a transient regulation of PEG b MGF expression in response to myocardial infarction associated with ischemia in the heart. Its expression is induced in one hour and remains elevated for up to 8 weeks. Intracoronary administration of this peptide induces myocardial protection and improves hemodynamic function more than mature IGF – 1 after myocardial infarction in sheep. The cellular protection conferred by PEG-MGF was based on the inhibition of apoptosis in the border area of the infarct.

PEG-MGF has been shown to stimulate proangiogenic activities in human vascular endothelial cells. Therefore, it could confer potentially beneficial therapeutic effects at the level of vascular regeneration and collateralization to restore blood flow to the heart after myocardial infarction.

IGF – 1 plays an essential role in the interface between neurons in injured or damaged muscles. In ALS, that is, amyotrophic lateral sclerosis (a disease with loss of motor neurons and progressive muscle weakness), muscle overexpression of IGF – 1 slowed the progression of the disease. Treatment with PEG-MGF produced improvements. More motor neurons survived in PEG MGF-treated mice.

MGF is expressed in excess in regenerating regions after global cerebral ischemia in adults. Its transcripts, which are expressed during brain development, show particular time distributions. Furthermore, neonatal hypoxia and insults of hypoxic ischemia lead to increased and prolonged expression of only the MGF isoform.

Package and Shipping of Peptide PEG MGF 2Mg

Package: 2mg/vial, 10vials/box

Shipping: With 3-5 days after your payment



FAQ of Peptide PEG MGF 2Mg

Q1: Do you Accept Sample Order?

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 card?

A: Yes. VISA business credit card is in our payment.

Q4: Is there any discount?

A: Yes, if you want to purchase larger quantity, we can offer a better price for you.

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.

