



## CAS 77591-33-4 (TB4) TB-500 Injection 10mg Peptide For Wound Healing

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: COA, HPLC MR
- Model Number: HBY-TB 500 Peptide
- Minimum Order Quantity: 5 boxes
- Price: US \$ 64-70 / Box
- Packaging Details: 5mg/vial, 10vials/Box
- Delivery Time: 3~5 days, upon receipt of payment
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 5000 boxes per month



### Product Specification

- Product Name: TB 500
- CAS No: 77591-33-4
- Molecular Formula: C<sub>212</sub>H<sub>350</sub>N<sub>56</sub>O<sub>78</sub>S
- Molecular Weight: 4963.44
- Storage: Keep In Dark Place, Inert Atmosphere, Store In Freez
- Appearance: White Lyophilized Powder
- MOQ: 5 Box
- Highlight: **Wound Healing TB-500 Peptide, TB-500 Injection 10mg Peptide, TB-500 Peptide CAS 77591-33-4**



### More Images



## Product Description

### CAS 77591-33-4 (TB4) TB-500 Injection 10mg Peptide For Wound Healing



#### Product Details of Tb500 : (TB4) TB-500 Injection 10mg

Product Name	TB 500 10mg for sale
Appearance	White powder
Specification	5mg/vial, 10vials/Box
Purity	99.1%
Test	HPLC
CAS	77591-33-4
MF	C212H350N56O78S
Storage	Keep in a Dark Place, Inert Atmosphere, Store in Freez

#### TB-500 Injection 10mg for sale

TB-500 Injection is a synthetic fraction of the thymic peptide beta-4 protein, which is found in almost all human and animal cells. The primary role of this peptide is to promote wound healing. It also promotes the production of new muscle and blood cells. The healing effect of TB-500 has been observed in ligaments, tendons, muscles, skin, heart, and eyes. Thymus peptide beta-4 is produced naturally in high concentrations in areas of damaged tissue. This peptide is also a very effective anti-inflammatory agent.

TB-500 differs from other repair factors (such as growth hormone) because it promotes keratinocyte and endothelial cell migration. It also does not bind to the extracellular matrix and has an extremely low molecular weight. Therefore, it can travel long distances through tissues in the body. One of the main mechanisms of action of TB-500 is its ability to regulate the cell-building protein called ACTIN. Of the thousands of proteins present in human cells, ACTIN accounts for about 10% of the total. As such, it is an important component of cell structure and movement.

#### What is Thymosin Beta-4 500?

Thymopeptide Beta-4 is a protein consisting of 43 amino acids that is encoded in the human body by the gene TMSB4X. It has been studied in many clinical trials. Studies have shown that if thymosin beta-4 peptide is taken after a heart attack, it can reactivate heart progenitor cells and repair damaged heart tissue.

Thymosin beta-4 is a very large molecule. In fact, it's so big that it can't quite make it to the receptors. Different parts of the molecule have different activities, and TB-500 is part of the thymosin beta-4 hormone that is most effective in promoting overall healing, repair, and renewal of blood and muscle cells. In medical applications, it is practical to use TB-500 rather than the entire thymosin beta-4 protein.

#### TB-500 Storage Temperature:

Before reconstitution (lyophilized powder): Store at 2-8°C (refrigerated), do not freeze and protect from light.

After reconstitution (liquid): Store at 2-8°C (refrigerated), do not freeze and protect from light. Reconstituted TB-500 should be used within 8 days.

#### Action of TB-500 (Thymosin beta-4)

- Differentiation of endothelial cells (blood and lymph vessels)
- Growth of new blood cells
- Migration of keratinocytes
- Collagen deposition
- Reduction of inflammation in all types of tissues
- Reduction of joint inflammation

Promotes muscle growth  
Increases endurance and strength  
Relaxes muscle spasms and improves muscle tone  
Repairs damaged heart tissue after a heart attack  
Heals ulcers and lesions (including stomach ulcers and intestinal ulcers)  
Increase material exchange between cells  
Comprehensive tissue repair  
Accelerates wound healing  
Repairs tendons and ligaments  
Enhances joint flexibility  
Prevents adhesions and fibrous band formation in muscles, tendons, and ligaments  
Promotes hair growth  
Protects and restores neurons after brain injury

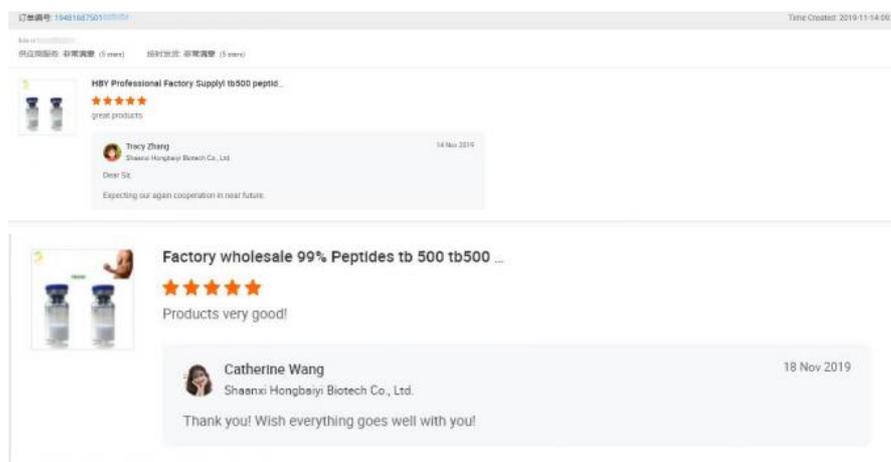
#### Side Effects of TB-500 (Thymosin Beta-4)

In the years since TB-500 became popular among athletes, there have been no reports of side effects. After thorough research of all the threads related to Thymosin Beta-4 on bodybuilding forums, there are no reports confirming any side effects.

Used to supplement vitamins and amino acids in horses, cows, sheep, pigs, llamas, alpacas, and pigeons. These statements have not been evaluated by the FDA. This product is not intended to diagnose, treat, cure, or prevent any disease.

#### Function Of TB 500:

1. Thymic glands and various local cells in the human body produce thymic  $\beta$ -4(TB-4), which is present in extremely high concentrations in the cytoplasm of wounds. Tb-500 has a healing part of the TB-4 sequence (refer to the entire end of growth hormone fragment for action extraction), and the main purpose of TB-500 is its ability to promote the upregulation of cells in the body. Upregulation increases cell sensitivity to action, especially in proteins such as actin. This action helps regulate inflammation in the injured part of the body and provides new access to blood vessels.
2. Tb-500 has a very low molecular weight, enabling it to have a high level of mobility in the body. In short, the TB-500 can be applied to the whole body, reaching almost any location. The TB-500 doesn't have to be applied to the area of injury; its effects can be applied to the whole body, no matter where the injection site is.
3. In the world of anabolic metabolism, TB-500 is mostly not used for muscle growth, fat loss, and improved athletic performance. It is mostly used to promote healing, especially for body wounds or joint injuries. Tb-500 can be used to treat muscle tear or strain, tendon inflammation, and even skin injury. The peptide does not cause immediate healing of the injured area. If the muscle tears, it tears, but in many cases using the TB-500 speeds up the healing process.
4. For chronic injuries, such as stress on the joints caused by bodybuilders working hard in the gym every day, THE TB-500 can provide excellent protection. The effects of TB-500 can also promote hair growth, especially hair loss caused by andro-gen alopecia, which may be reversed by tB-500 use.



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