



## Tb500 Peptide CAS 77591-33-4 High Purity

### Our Product Introduction

for more products please visit us on [peptide-powder.com](http://peptide-powder.com)

#### Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: COA, HPLC MR
- Model Number: HBY-TB 500
- Minimum Order Quantity: 5 boxes
- Price: US\$ 65-80 / box
- Packaging Details: 5mg/vial, 10vials/Box
- Delivery Time: 3-5 work days
- Payment Terms: T/T, Western Union,
- Supply Ability: 20,000 boxes/month



#### Product Specification

- Item: TB500
- CAS No: 77591-33-4
- Purity: 99%
- Chemical Formula: C38H67N9O15
- Molecular Weight: 4963.4406
- Shelf Life: 2 Years



#### More Images



## Product Description

### What is TB500 ?

TB500 is a synthetic fraction of the protein thymosin beta-4, which is present in virtually all human and animal cells. The main purpose of this peptide is to promote healing. It also promotes creation of new blood and muscle cells. The healing effects of TB500 have been observed in tendons, ligaments, muscle, skin, heart, and the eyes. Thymosin beta-4 is naturally produced in higher concentration where tissue has been damaged. This peptide is also a very potent anti-inflammatory agent.

TB500 was identified as a gene that was up-regulated four-to-six fold during early blood vessel formation and found to promote the growth of new blood cells from the existing vessels. This peptide is present in wound fluid and when administered subcutaneously, it promotes wound healing, muscle building and speeds up recovery time of muscles fibres and their cells. An additional key factor of TB-500 is that it promotes cell migration through a specific interaction with actin in the cell cytoskeleton. It has been demonstrated that a central small amino acid long-actin binding domain has both blood cell reproduction and wound healing characteristics. These characteristics are uncovered by accelerating the migration of endothelial cells and keratinocytes. It also increases the production of extracellular matrix-degrading enzymes.



**Shaanxi Hongbaiyi Biotech Co., Ltd.**



18192109180



[tracy@sxhongbaiyi.com](mailto:tracy@sxhongbaiyi.com)



[peptide-powder.com](http://peptide-powder.com)

Hengjia Business Building, No.115 Weiyang Road, E&T Development Zone, Xi'an, Shaanxi, China.