



TB-500 10mg Easy Pen

RAPID TISSUE RECOVERY, ENHANCED FLEXIBILITY, AND CELLULAR REGENERATION

Easy Pen

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TB-500 is a synthetic peptide fragment of thymosin beta-4, known for its role in tissue repair, cell migration, and angiogenesis. It travels systemically to injured areas, supporting healing in muscles, tendons, ligaments, and organs.

Research suggests TB-500 promotes recovery by enhancing cell movement, improving blood flow, and reducing inflammation and fibrosis. Ideal for sports injuries, chronic pain, or post-surgical healing, it helps restore mobility and accelerate regeneration across various tissues.

Key Potential Benefits

- **Accelerated Wound Healing** – In rat models, TB4/TB500 increased wound re-epithelialization by up to 61% at day 7, with boosted collagen deposition and angiogenesis.
- **Enhanced Cell Migration & Tissue Repair** – Promotes actin modulation for efficient cellular repair, essential for healing muscle, tendon, ligament, and skin damage.
- **Improved Flexibility & Reduced Fibrosis** – Encourages tissue remodeling and elasticity by regulating F-actin and limiting scar tissue formation.
- **Angiogenesis & Blood Flow Support** – Stimulates new blood vessel growth, enhancing nutrient delivery to damaged tissues and supporting cardiac regeneration.
- **Anti-Inflammatory Action** – Reduces pro-inflammatory cytokines, promotes anti-inflammatory responses, and supports recovery from chronic inflammation.
- **Muscle Regeneration & Performance Maintenance** – Accelerates muscle repair, aids endurance, and supports maintenance of muscle quality after injury.
- **Organ & Vascular Regeneration** – Preclinical data supports benefits in heart, eye, and nerve recovery via enhanced endothelial and cardiac cell survival.

Technical Information:

CAS Number: 885340-08-9

PubChem CID: [62707662](#)

Formula: C38H68N10O14

Specifications:

- 0.05mg per click.
- Up to 60 clicks per dose.
- Includes 4 needles and one adjustable dosage pre-mixed pen.



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