

TB-500: A Synthetic Peptide for Healing

TB-500 is a synthetic fraction of thymosin beta-4. It's designed to promote healing in various tissues. This peptide has shown promising effects on tendons, ligaments, muscles, skin, heart, and eyes.



Composition and Structure

1

Amino Acid Chain

TB-500 is derived from a 43 amino acid protein called thymosin beta-4.

2

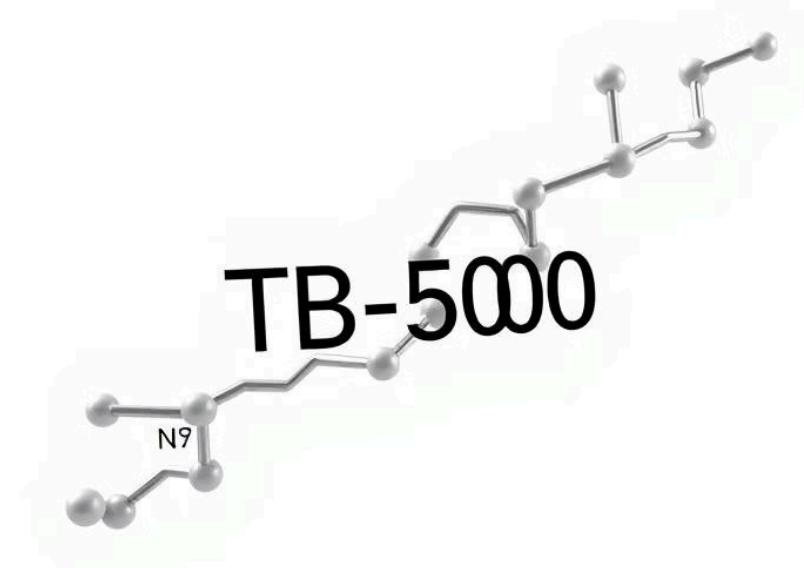
Synthetic Production

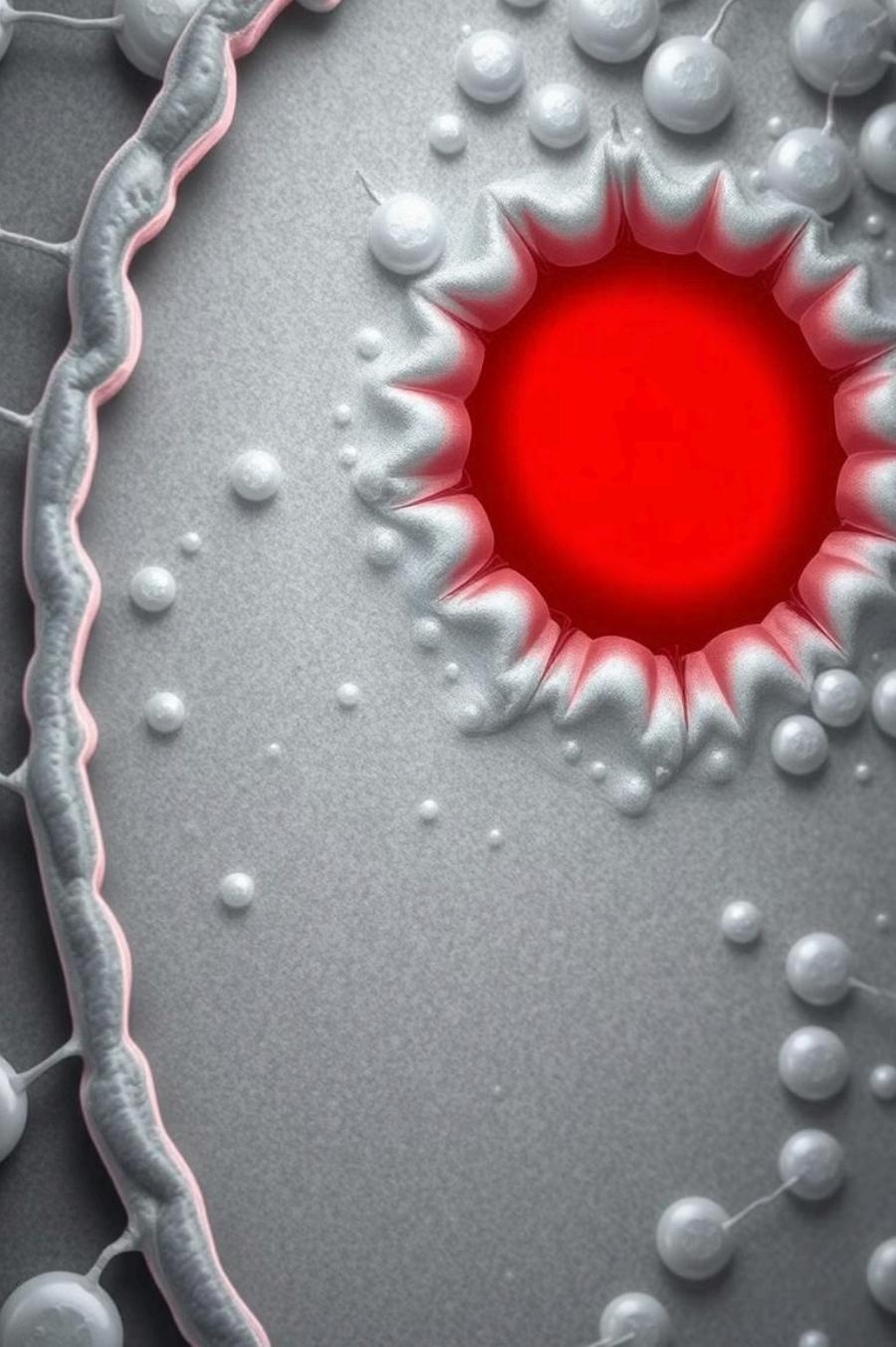
It's artificially created to mimic the healing properties of the natural protein.

3

Peptide Structure

The specific structure of TB-500 allows it to interact with various tissues in the body.





Cellular Effects

1

Cell Proliferation

TB-500 increases the number of cells involved in the healing process.

2

Cell Migration

It improves the movement of cells to the site of injury, enhancing repair.

3

Tissue Regeneration

TB-500 promotes significant repair and regenerative properties in various tissues.

Soft Tissue Repair

Tendons

TB-500 aids in repairing damaged tendons, improving flexibility and reducing pain.

Ligaments

It promotes healing in ligaments, enhancing joint stability and function.

Muscles

TB-500 supports muscle repair, beneficial for sports and athletic injuries.



Additional Healing Benefits

Scar Tissue Reduction

TB-500 helps minimize scar tissue formation during the healing process.

Improved Mortality Rate

Studies suggest it may enhance survival rates in certain medical conditions.

Eye and Heart Health

TB-500 shows potential benefits for ocular and cardiac tissue repair.



Muscle Enhancement Effects



Muscle Growth

TB-500 may contribute to enlarged muscle growth and improved muscle tone.



Muscular Stamina

Users report increased muscular endurance and improved recovery times.



Athletic Performance

These effects potentially enhance overall athletic performance and strength.

Administration and Dosage

Product	TB-500 15 mg Lyophilized
Vial Size	10mL
Reconstitution	4mL bacteriostatic water
Injection	50 units subcutaneously
Frequency	2x per week

