



# Matrix BioLabs

Peptides

## Tesamorelin 5mg

### Overview

Tesamorelin is a synthetic Growth Hormone Releasing Hormone (GHRH) analog. It is primarily researched for its ability to stimulate the natural production and release of growth hormone from the pituitary gland. It is best known for its targeted effect on reducing visceral (abdominal) fat while preserving muscle mass.

### Benefits

Key benefits include significant reduction in visceral adipose tissue, improved body composition, increased IGF-1 levels, enhanced lipid metabolism, and potential support for cognitive function and overall metabolic health. It is often studied in the context of age-related fat accumulation, HIV-associated lipodystrophy, and body recomposition.

### Dosage

1–2 mg per day via subcutaneous injection, typically administered in the evening. Many research protocols use 1 mg daily or 2 mg daily depending on goals and tolerance.

### Reconstitution

Add 3ml of BAC water. This yields approximately 1.67 mg/ml concentration.

- 1 mg dose = 60 units on a U-100 insulin syringe
  - 2 mg dose = 120 units on a U-100 insulin syringe
- Store the reconstituted solution in the refrigerator and follow standard stability guidelines.