

# KAIA PEPTIDES — PRODUCT SHEET

## Tesamorelin 10mg + Ipamorelin 3mg

***Dual Growth-Hormone Pathway Support – Recovery, Repair, Fat Metabolism & Performance***

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### What It Is

This blend combines two synergistic peptides:

#### **Tesamorelin (10mg)**

A potent growth hormone–releasing hormone (GHRH) analog researched for its ability to stimulate the pituitary gland, support fat metabolism, and enhance tissue repair pathways.

#### **Ipamorelin (3mg)**

A growth hormone secretagogue (GHS) researched for targeted GH release without increasing cortisol, prolactin, or hunger. Known for its gentle, selective profile and recovery benefits.

Together, they form a **dual-pathway GH signaling stack** with a broader scope than either peptide alone.

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### Understanding Tesamorelin + Ipamorelin — A Metaphorical Story

**Imagine your body as a giant skyscraper that repairs itself every night.**

Every room, every hallway, every steel beam is a part of your tissues, muscles, metabolism, and cellular structure.

During the day, the skyscraper gets worn down:

- Elevators jam (slower metabolism)
- Lights flicker (low energy)
- Floors crack (muscle strain)

- Hallways collect debris (fat buildup)

Nighttime is when the **repair teams** come out.

But here's the issue:

Most people's nighttime repair crew is understaffed, tired, or missing tools.

That's where this combination comes in.

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## • **Tesamorelin is the Master Architect**

Tesamorelin reviews blueprints and makes the big decisions:

- "Repair these beams."
- "Increase maintenance here."
- "Improve the fat-burning engines."
- "Activate deeper tissue restoration."

It sends the **first signal** to the pituitary — like a command center paging the workers:

"Start producing the repair materials."

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## • **Ipamorelin is the Specialist Foreman**

If Tesamorelin is the architect, Ipamorelin is the calm, highly skilled foreman who:

- Organizes the crews
- Directs GH output without chaos
- Keeps stress hormones low
- Ensures only the right materials are used
- Enhances recovery without overstimulation

While other foremen scream, slam doors, and flood the system with side effects...

**Ipamorelin whispers.**

It's clean, efficient, and highly targeted.

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## • **Together, They Create a Perfect Night-Shift Repair Crew**

With both working at the same time:

- Repairs become stronger
- Recovery becomes faster
- Fat-burning engines activate
- Muscles repair more efficiently
- Tissue integrity improves
- The entire “skyscraper” becomes more resilient

Tesamorelin brings the *blueprints and commands*.

Ipamorelin brings the *coordination, safety, and precision*.

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## Primary Research Benefits

*(Summarized from published scientific literature)*

### • Growth-Hormone Pathway Activation

- Dual mechanism: GHRH + GHS
- Supports natural GH pulsatile release
- Promotes IGF-1 elevation in research models

### • Enhanced Recovery & Tissue Repair

- Supports muscle repair
- Encourages connective tissue healing
- May enhance nighttime restoration cycles

### • Metabolic & Fat-Burning Support

- Tesamorelin may reduce visceral fat in metabolic models
- Supports healthier body composition
- Helps activate mobilization of stored fat

### • Sleep-Linked Performance Support

- GH pathways naturally peak at night
- May improve sleep-based recovery windows

### • Low Side-Effect Profile

- Ipamorelin is selective and non-spiking
- No significant impact on cortisol or prolactin in research

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## Common Research Use Cases

- Muscle recovery studies
  - Tissue repair & collagen synthesis models
  - Body composition & visceral fat metabolism research
  - Growth hormone pathway exploration
  - Anti-aging & nighttime recovery experiments
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## Typical Research Protocols (Literature-Based)

*(For educational/reference purposes; not medical advice)*

- **Duration:** 8–12 weeks
  - **Frequency:** 1× nightly or 5× weekly administration in research models
  - **Vial:** Tesamorelin 10mg + Ipamorelin 3mg
  - **Reconstitution:** With bacteriostatic water
  - **Route:** Subcutaneous in most studies
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## Storage & Stability

- Refrigerate lyophilized vials at **2–8°C**
  - Use reconstituted peptide within **30 days**
  - Protect from heat, moisture, and light
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## Safety Profile (Research-Based Notes)

- Generally well-tolerated in studies
  - Ipamorelin is known for extremely low side-effect likelihood
  - Non-stimulatory
  - Non-hormonal (stimulates natural GH release rather than replacing it)
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## Format

- **Tesamorelin 10mg + Ipamorelin 3mg lyophilized powder**
  - Research Use Only
  - Purity: **≥99%** (third-party verified)
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## **Legal & Compliance**

**For Research Use Only. Not for human consumption.**

**Not approved by the FDA to diagnose, treat, cure, or prevent any disease.**

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## **Brand Finishing (Kaia Style)**

**Precision nightly rebuilding.**

**Dual-pathway intelligence for advanced recovery research.**