

KAIA PEPTIDES — PRODUCT SHEET

AOD-9604 (2mg)

Metabolic Fragment Peptide – Fat Breakdown, Joint Support & Recovery Pathways

What It Is

AOD-9604 is a modified fragment of human growth hormone (HGH 176–191) that preserves the **fat-metabolism** abilities of GH *without* its growth or hormone-related effects.

Research shows AOD-9604 may support:

- Fat oxidation
- Lipolysis (fat breakdown)
- Joint and cartilage pathways
- Anti-inflammatory balance
- Metabolic regulation

It is non-hormonal and does not raise IGF-1, making it one of the most selective fat-metabolic peptides studied.

Understanding AOD-9604 — A Metaphorical Story

Imagine your body as a massive warehouse with thousands of storage rooms.

These rooms store all kinds of things — some useful, some not.

But over time, extra “boxes” pile up:

- Old inventory
- Unused supplies
- Extra packing material
- Clutter that slows down movement

This clutter represents **stored fat**, especially stubborn fat that the warehouse struggles to clear.

Now imagine a specialist arrives — not a demolition worker, not someone who tears the place apart...

but a highly trained **inventory reduction manager** who only targets old, unnecessary stock.

That specialist is AOD-9604.

- **AOD-9604 Tags Old Boxes (activates fat breakdown pathways)**

It places special markers on outdated inventory so the cleanup crew knows *exactly* what to remove.

This represents AOD-9604's research-backed effect on **lipolysis** — breaking down stored fat.

- **It Speeds Up the Forklifts (supports fat oxidation)**

Once the boxes are tagged, forklifts move faster and more efficiently, clearing the aisles.

This reflects enhanced *fat utilization for energy*.

- **It Leaves the Important Inventory Alone (non-hormonal + selective)**

Unlike full growth hormone — which can affect many systems at once — AOD-9604 works **only on the fat-metabolism wing** of the warehouse.

No overstimulation.

No hormone cascade.

Only targeted cleanup.

- **It Fixes Squeaky Doors & Aisles (joint + cartilage support)**

As the cleanup advances, the floors are repaired, shelves move better, and pathways become smoother.

This symbolizes AOD-9604's research interest in **joint, cartilage, and inflammation support**.

- **It Improves Warehouse Flow (overall metabolic balance)**

Fewer boxes = faster movement, more efficiency, cleaner operations.

This represents healthier metabolic function and fat-mobilization rhythm.

The Result: A Clean, Efficient Warehouse

With AOD-9604 at work:

- Clutter decreases
- Fat-mobilization improves
- Aisles open up
- Metabolic flow becomes smoother
- The entire warehouse operates more efficiently

This metaphor crystallizes AOD-9604's selective metabolic focus in research models.

Primary Research Benefits

(Summarized from published scientific literature)

• Supports Fat Breakdown (Lipolysis)

- Targets stored fat
- Encourages metabolic utilization
- Non-hormonal pathway

• Inhibits Lipogenesis

- May reduce new fat accumulation in models

• Joint & Cartilage Research Support

- Studied for cartilage repair potential
- May reduce inflammation markers

• Metabolic Regulation

- Supports overall metabolic balance
- Does not affect IGF-1 or plasma GH levels

Common Research Use Cases

- Fat-mobilization models
 - Body-composition research
 - Joint + cartilage studies
 - Metabolic regulation experiments
 - Inflammation + recovery pathway research
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Typical Research Protocols (Literature-Based)

(For educational/reference purposes; not medical advice)

- **Duration:** 8–12 weeks
 - **Frequency:** Daily in most research models
 - **Vial:** AOD-9604 2mg
 - **Reconstitution:** With bacteriostatic water
 - **Route:** Subcutaneous in research settings
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Storage & Stability

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

- Non-hormonal
 - Does not raise IGF-1
 - Generally well tolerated in metabolic studies
 - No major toxicity reported
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Format

- **AOD-9604 2mg 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.