

WHITE PAPER: AOD-9604 – 500 mcg Capsules (30-Count Bottle)

A Clinician-Focused Review for Weight-Loss, Wellness & Anti-Aging Practices

1. Introduction

AOD-9604 is a peptide fragment of human growth hormone (hGH) engineered to promote healthy fat metabolism with an excellent safety profile. Developed to isolate the fat-burning benefits of hGH—without impacting IGF-1 or insulin—AOD-9604 is increasingly used in medical weight-loss and wellness clinics. The 500 mcg capsule format provides a convenient option that supports patient adherence.

2. Why Clinics Use AOD-9604

Clinicians value AOD-9604 for its supportive metabolic effects and favorable tolerability. Benefits include enhanced lipolysis, reduced fat storage, no stimulation of IGF-1 or GH receptors, and no impact on insulin sensitivity. Its capsule format also eliminates injection barriers for patients.

3. Mechanism of Action

AOD-9604 supports fat metabolism through:

- Increased Lipolysis – promoting breakdown of stored fat.
- Reduced Lipogenesis – suppressing new fat formation.
- No GH Receptor Activation – contributing to a strong safety profile and suitability for wellness programs.

4. Clinical Research Highlights

Human studies show no effect on IGF-1, glucose, or insulin response, confirming metabolic neutrality. Animal and cellular models demonstrate enhanced fat metabolism without stimulant pathways. Overall, AOD-9604 supports body-composition improvements as part of structured clinical programs.

5. Product Format for Clinical Use

The 500 mcg capsule, provided in 30-count bottles, offers:

- Precise dosing
- High patient compliance
- Non-injectable administration
- Easy integration into clinical weight-loss protocols

6. Clinical Applications

AOD-9604 is commonly used alongside:

- Medical weight-loss therapies
- Lifestyle and nutritional interventions
- Anti-aging and metabolic wellness programs
- Combination peptide plans (where permitted)

7. Safety Profile

Studies consistently show:

- No effect on blood glucose or insulin sensitivity
- No IGF-1 elevation
- Excellent tolerability

These factors make AOD-9604 a strong option for long-term wellness protocols.

8. Scientific References

1. Proietto J. et al. Safety and Tolerability of hGH Fragment 177–191 (AOD-9604). *International Journal of Obesity*.
2. Heffernan M. et al. Metabolic Effects of hGH Fragment 177–191. *Journal of Endocrinology*.
3. Ng FM. et al. GH Fragmentation and Metabolic Modulation. *Peptides Journal*.
4. Berryman DE. et al. GH/IGF-1 Pathways in Body Composition. *Molecular and Cellular Endocrinology*.
5. Becker DJ. GH, IGF-1, and Metabolic Regulation. *Endocrine Reviews*.

9. Conclusion

AOD-9604 offers clinics a safe, convenient, and patient-friendly way to support fat metabolism and body-composition goals. The 500 mcg capsule format promotes compliance and fits seamlessly into weight-loss, wellness, and anti-aging programs. With its strong safety profile and targeted metabolic activity, AOD-9604 represents a valuable addition to modern clinical practice.