

Metabolic Combination A

Retatrutide + AOD-9604 | Dual Metabolic Pathway Research

COMPOUND OVERVIEW

This combination pairs a triagonist receptor approach (Retatrutide: GLP-1/GIP/GCG) with a selective peripheral lipolytic agent (AOD-9604: beta-3 adrenergic on adipocytes). The mechanisms are complementary and non-overlapping, targeting central appetite signalling while independently stimulating adipocyte-level lipolysis.

MECHANISM OF ACTION

Retatrutide addresses energy expenditure and appetite signalling through simultaneous engagement of three receptor systems. AOD-9604 provides direct beta-3 adrenergic stimulation of adipocytes without affecting blood glucose or IGF-1 levels. The combination allows research of central and peripheral metabolic regulation through distinct, non-interfering mechanisms.

RESEARCH APPLICATIONS

- Parallel central and peripheral metabolic pathway research
- Multi-receptor metabolic regulation studies
- Comparative single-compound vs. combination metabolic research

EVIDENCE STATUS & KNOWN LIMITATIONS

Evidence Status: This combination has not been studied together in published clinical research. Each compound has independent evidence bases assessed in their respective data sheets. Interaction effects and combined safety profile are not characterised in published literature.

ANALYTICAL & STORAGE DATA

COMPOUND A	Retatrutide 10mg	COMPOUND B	AOD-9604 10mg
MECHANISM A	GLP-1/GIP/GCG Triagonism	MECHANISM B	Beta-3 Adrenergic Lipolysis
STORAGE	2-8 C (both compounds)	BATCH DOCS	Available on Request

RECONSTITUTION NOTE

Reconstitute each compound separately per individual compound guidelines. Do not co-reconstitute in the same vial. Refer to individual data sheets for compound-specific reconstitution parameters.

REGULATORY CLASSIFICATION: All BioUnfolding compounds are strictly intended for laboratory evaluation and in-vitro analysis. These materials are not intended for human consumption, veterinary use, or therapeutic application. Researchers are solely responsible for compliance with applicable local regulations including SAHPRA guidelines.

REQUEST BATCH DOCUMENTATION

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