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ENHANCING QUALITY OF LIFE THROUGH SCIENCE
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GAUTENG

RETATRUTIDE

LY3437943 | TRIPLE HORMONE RECEPTOR AGONIST

CLEAN RESEARCH REFERENCE • EDUCATIONAL OVERVIEW • NOT MEDICAL ADVICE



WHAT IT IS



Retatrutide is an investigational peptide studied for obesity and metabolic disease.

In simple terms: it is designed to activate three gut-hormone pathways involved in appetite, glucose handling, and energy balance.

WHY IT STANDS OUT

GIP

metabolic signaling

GLP-1

satiety + glucose regulation

Glucagon

energy + liver-fat biology

Three targets. One research pathway.

HOW IT WORKS | SIMPLE TERMS



1.
GLP-1

- Helps increase satiety signals
- Supports glucose-dependent insulin release
- Can slow gastric emptying



2.
GIP

- Amplifies metabolic signaling
- Supports insulin response after meals
- May work with GLP-1 pathways



3.
GLUCAGON

- Adds energy-expenditure biology
- Linked to lipid and liver-fat handling
- Studied for weight-management effects



4.
TRIPLE SIGNAL

- Combines three receptor targets
- Designed for once-weekly injection
- Phase 2 data showed strong reductions

PHASE 2 RESEARCH SIGNALS

OBESITY TRIAL

48 weeks

Up to -24.2%

mean body-weight change in the 12 mg group

TYPE 2 DIABETES TRIAL

36 weeks

-2.02% HbA1c

and -16.94% body weight in the 12 mg group

SAFETY NOTES

common AEs

GI effects

nausea, diarrhea, vomiting, constipation; heart-rate increases noted

WHAT USERS MAY TRACK IN A CLINICAL CONTEXT



Lower appetite



Food-noise changes



Weight trend



Glucose metrics



GI tolerance



Heart rate



KEY TAKEAWAY

Research-stage triple agonist with strong Phase 2 weight-loss and metabolic signals. Not a fitness shortcut. Use only through proper medical research or clinical supervision.



WE BELIEVE IN
GUIDANCE & EDUCATION
Because informed decisions matter.

✓ NO MEMBERSHIP FEES
✓ NO SUBSCRIPTIONS
JUST GUIDANCE & EDUCATION



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