

LONGEVA.

RESEARCH PEPTIDES

LONGEVA.BIO



RETATRUTIDE

Triple agonist (GIP/GLP-1/glucagon)

> 98.2% purity · Independent COA (Janoshik)

longeva.bio

FOR RESEARCH & LABORATORY USE ONLY · NOT FOR HUMAN CONSUMPTION



Overview

Retatrutide (LY3437943) is a synthetic single-molecule triple agonist of the GIP, GLP-1 and glucagon receptors studied in metabolic research on obesity and type 2 diabetes.

INN / ALT. NAME

LY3437943

CLASS

Triple agonist (GIP/GLP-1/glucagon)

FORM

Lyophilized powder

MOLAR MASS

~4731 Da

HALF-LIFE

~6 days



Quality & storage



Purity

Every batch ships with an independent Certificate of Analysis (COA).



Storage

Lyophilized: 2–8 °C. Reconstituted solution: 2–8 °C.



Handling

Protect from light; avoid freeze/thaw cycles.

REFERENCES

Full literature review and source list – on the wiki page on the site.

[View on the wiki >](#)

DOSING



Reference data – not a recommendation

The information at this link is provided from public sources for reference only. It is not advice or instructions for use; products are intended for laboratory research only and not for human consumption.

Reference dosing schedule for research purposes – on the site.

[Full dosing guide >](#)



Specifications

Substance	RETATRUTIDE
Form	Lyophilized powder
Purity	> 98.2%
Sizes	5 mg / 10 mg / 20 mg

RECONSTITUTION

Add bacteriostatic water for injection (volume depends on vial size). Gently swirl (do not shake) until fully dissolved. Full calculator and step-by-step guide at longeva.bio.

FAQ

How is purity verified?

HPLC per batch + an independent COA.

What diluent should I use?

Bacteriostatic water, for laboratory reconstitution.

Is this for human use?

No – research and laboratory use only.