



HBY Retatrutide LY3437943 5/10/15/60mg/vial, 10vials/box MOQ5
LY3437943 Weight loss peptide, Obesity research CAS 2381089-83-2,
NOP2Y096GV Buy Retatrutide, Retatrutide supplier

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: HBY
- Certification: COA, HPLC MR
- Model Number: HBY-Retatrutide
- Minimum Order Quantity: 5 boxes
- Price: Negotiable
- Packaging Details: 5/10/15mg/vial, 10vials/Box
- Delivery Time: 3~5 days, upon receipt of payment
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 5000 boxes per month



Product Specification

- Product Name: Retatrutide (LY3437943)
- CAS Number: 2381089-83-2
- Synonyms: LY3437943, Triple Agonist Peptide
- Purity: $\geq 99\%$ (HPLC Verified)
- Form: White Lyophilized Powder
- Packaging: 3 ML Sterile Clear Glass Vial, Vacuum-sealed
- Molecular Formula: $C_{223}H_{343}F_3N_{46}O_{70}$
- Molecular Weight: 4731.33 G/mol
- Sequence: YAibEGTFTSDYSILLDDKK(Ac)AQaibAFIEYL
- Receptor Activity: GLP-1 / GIP / Glucagon (Triple Agonist)



More Images



Product Description

Retatrutide (LY3437943) Lyophilized Powder

Research-Grade Triple Agonist Peptide | GLP-1 / GIP / GCGR

CAS: 2381089-83-2

Purity: ≥ 99% (HPLC)

Form: White lyophilized powder in 3 mL sterile vial

Sequence: YAibEGTFTSDYSILLDDKK(Ac)AQAibAFIEYLLEGGPSSGAPPPS

Molecular Formula: C₂₂₂H₃₄₃F₃N₄₆O₇₈

Molecular Weight: 4731.33 g/mol

Product Description

Retatrutide (LY3437943) is a synthetic **triple receptor agonist** that simultaneously activates **GLP-1, GIP, and glucagon receptors**. Engineered for cutting-edge metabolic research, this once-weekly peptide demonstrates superior efficacy in glycemic control, weight reduction, and hepatic lipid metabolism compared to dual-agonist benchmarks.

Lyophilized for Stability: Vacuum-sealed, moisture-free powder ensures >24-month shelf life at -20°C.

Ready for Reconstitution: Includes 2 mL bacteriostatic water (0.9% benzyl alcohol) for easy 5 mg/mL solution prep.

Third-Party Tested: Full COA with HPLC, MASS, and endotoxin reports included in every order.

Applications in Research

Obesity & type 2 diabetes modeling

Energy expenditure and appetite regulation

NAFLD/NASH therapeutic pathways

Comparative studies vs. tirzepatide & semaglutide

Storage & Handling

Store at -20°C upon arrival

Reconstituted solution stable for 30 days at 2–8°C

Avoid repeated freeze-thaw cycles

Legal Notice For Research Use Only (RUO). Not for human or veterinary diagnostic/therapeutic use. Not approved by FDA.

Handle in accordance with institutional biosafety protocols.



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