



Mazdutide (IBI-362 / LY-3305677) 5mg GLP-1R And Glucagon Receptor Agonist

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: COA, HPLC MR
- Model Number: HBY-Mazdutide
- Minimum Order Quantity: 5 boxes
- Price: Negotiable
- Packaging Details: 1mg 5mg 10mg 50mg 100mg, 1g or according to customer's detail requirement.
- Delivery Time: 3-5 work days after your payment
- Payment Terms: MoneyGram, Western Union, T/T
- Supply Ability: 20,000boxes/Month



Product Specification

- Product Name: Mazdutide
- CAS No.: 2259884-03-0
- Dosage Strength: 5 Mg Per Vial
- Drug Class / Type: Long-acting Synthetic Peptide
- Purity: $\geq 99\%$ (HPLC)
- Appearance: Lyophilized Powder
- Common Name: PNB-0408

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Product Description

Product Overview:

Dihexa is a small synthetic peptide-like research compound with the CAS number 1401708-83-5. It is primarily studied in neuroscience research for its potential role in promoting neurotrophic activity and supporting synaptic growth pathways. As a highly potent experimental molecule, Dihexa has been investigated in preclinical settings for its interaction with hepatocyte growth factor (HGF) signaling pathways, which are associated with neural repair and cognitive function mechanisms.

This product is intended strictly for laboratory research purposes only and is not approved for human consumption, medical use, or veterinary application. It is supplied as a 10 mg quantity, suitable for controlled experimental and analytical studies in research environments.

CAS Number: 1401708-83-5

Purity: Research grade (typically $\geq 98\%$)

Form: Lyophilized powder

Quantity: 10mg per vial

Application: Scientific research in neuroscience and related fields

1. Active Substance:

Mazdutide (also known as IBI-362 / LY-3305677)

2. Dosage Strength:

5 mg per vial

3. Drug Class / Type:

Long-acting synthetic peptide

Dual agonist of:

GLP-1 receptor (GLP-1R)

Glucagon receptor (GCGR)

4. Mechanism of Action:

Mazdutide simultaneously activates GLP-1R and GCGR, which may influence:

Glucose metabolism regulation

Appetite signaling pathways

Energy expenditure pathways

Lipid metabolism modulation

5. Physical Form:

Typically white to off-white lyophilized powder

Requires reconstitution before use (commonly with sterile water or bacteriostatic water in research settings)

6. Molecular Characteristics:

Engineered long-acting peptide analog

Modified structure to increase receptor stability and half-life

High binding affinity to both GLP-1R and GCGR

7. Solubility:

Water-soluble after reconstitution

Stable under refrigerated conditions (typically 2–8°C after preparation, depending on formulation)

8. Storage Conditions:

Unreconstituted: -20°C (recommended long-term storage)

Reconstituted: 2–8°C, avoid freezing and repeated freeze-thaw cycles

9. Research Use Status:

Investigational compound (not approved as a finished pharmaceutical product in most markets)

Used in metabolic and endocrinology research



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