

Mazdutide

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 2259884-03-0 |
| Formula: | C210H322N46O67 |
| Molecular Weight: | 4563.06 |
| Storage: | Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |

Biological Description

| | |
|---------------|--|
| Description | Mazdutide (IBI-362; LY-3305677), a synthetic oxyntomodulin analog, serves as a glucagon-like peptide-1 (GLP-1R)/glucagon receptor (GCGR) co-agonist. Demonstrating safety and tolerability, Mazdutide is utilized in obesity and type 2 diabetes (T2D) research [1] [2]. |
| Targets(IC50) | Glucagon Receptor |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.2192 mL | 1.0958 mL | 2.1915 mL |
| 5 mM | 0.0438 mL | 0.2192 mL | 0.4383 mL |
| 10 mM | 0.0219 mL | 0.1096 mL | 0.2192 mL |
| 50 mM | 0.0044 mL | 0.0219 mL | 0.0438 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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