

Mazdutide

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| Cat. No.: | HY-P3375 |
| CAS No.: | 2259884-03-0 |
| Target: | GLP Receptor; GCGR |
| Pathway: | GPCR/G Protein |
| Storage: | Sealed storage, away from moisture and light, under nitrogen |
| | Powder -80°C 2 years |
| | -20°C 1 year |
| | * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen) |

Mazdutide

SOLVENT & SOLUBILITY

In Vitro H₂O : 22.22 mg/mL (ultrasonic and adjust pH to 2 with HCl)

BIOLOGICAL ACTIVITY

Description Mazdutide (IBI-362; LY-3305677) is a long-acting synthetic oxyntomodulin analog. Mazdutide is also a glucagon-like peptide-1 (GLP-1R)/glucagon receptor GCGR co-agonist. Mazdutide has safety and tolerability, and it can be used for research in obesity and type 2 diabetes (T2D)^{[1][2]}.

REFERENCES

- [1]. Chen T, et al. The Design and Optimization of Monomeric Multitarget Peptides for the Treatment of Multifactorial Diseases. *J Med Chem.* 2022 Mar 10;65(5):3685-3705.
- [2]. Jiang H, et al. A phase 1b randomised controlled trial of a glucagon-like peptide-1 and glucagon receptor dual agonist IBI362 (LY3305677) in Chinese patients with type 2 diabetes. *Nat Commun.* 2022 Jun 24;13(1):3613.

Caution: Product has not been fully validated for medical applications. For research use only.

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