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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Pegloxenatide

Cat. No.:	HY-P3491
CAS No.:	2420483-82-3
Molecular Formula:	(C ₂ H ₄ O) _n (C ₂ H ₄ O) _n C ₂₀ H ₃₁ N ₅ O ₆ S ₇
Sequence:	PEG _n -His-{d-Ala}-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Leu-Ser-Lys-Gln-{Nle}-Glu-Glu-Glu-Ala -Val-Arg-Leu-Phe-Ile-Glu-Trp-Leu-Lys-Gln-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Cy s-NH ₂ <small>PEG_n-H-(D-Ala)-EGTFTSDLSKQ-(Nle)-EEEAVRLFIEWLKQGGPSSGAPPPC-NH₂</small>
Sequence Shortening:	PEG _n -H-{d-Ala}-EGTFTSDLSKQ-{Nle}-EEEAVRLFIEWLKQGGPSSGAPPPC-NH ₂
Target:	GLP Receptor
Pathway:	GPCR/G Protein
Storage:	Pure form -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month

BIOLOGICAL ACTIVITY

Description Pegloxenatide is a glucagon-like peptide-1 receptor (GLP-1 RA) agonist. Pegloxenatide can be used for type 2 diabetes research^[1].

REFERENCES

- [1]. X-Y Li, et al. Effect of polyethylene Glycol Loxenatide (long-acting GLP-1RA) on lipid, glucose levels and weight in type 2 diabetes mellitus patients with obesity. *Eur Rev Med Pharmacol Sci.* 2022, 26, 21.
- [2]. Lei Liu, et al. Long-Term Cost-Effectiveness of Subcutaneous Once-Weekly Semaglutide Versus Polyethylene Glycol Loxenatide for Treatment of Type 2 Diabetes Mellitus in China. *Diabetes Ther.* 2023, 14, 1.

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

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