

Product Data Sheet

Product Name: Pegloxenatide

Cat. No.: GC74356

Chemical Properties

Cas. No. 2420483-82-3

Formula $(C_2H_4O)_n(C_2H_4O)_nC_{206}H_{317}N_{55}O$ M.Wt
67S

Solubility Storage -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure

PEGn-H-[D-Ala]-EGTFTSDLSKQ-[Nle]-EEEEAVRLFIEWLKQGGPSSGAPPPC-NH₂

Background

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

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.

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

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[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.

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