Product Data Sheet

Product Name: Pegloxenatide
Cat. No.: GC74356

Chemical Properties

Cas. No.	2420483-82-3		
Formula	$(C_2H_4O)n(C_2H_4O)nC_{206}H_{317}N_{55}O_{67}S$	M.Wt	
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}-EEEAVRLFIEWLKQGGPSSGAPPPC-NH_2

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 polyetlene 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 Polyetlene Glycol Loxenatide for Treatment of Type 2 Diabetes Mellitus in China. Diabetes Ther. 2023, 14, 1.