

Des His1, Glu8 Exendin-4

Chemical Properties

CAS No. :

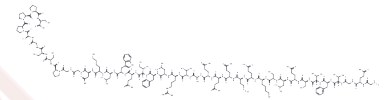
Formula: C179H277N47O59S

Molecular Weight: 4063.46

Keep away from moisture, Store at low temperature

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Des His1, Glu8 Exendin-4 is a glucagon-like peptide-1 receptor (GLP-1-R) antagonist that regulates blood glucose. Des His1, Glu8 Exendin-4 is used in the study of diabetes and obesity.
Targets(IC50)	Glucagon Receptor
In vivo	After third ventricle injection of Des His1, Glu8 Exendin-4 (50 µg, 2 µl/15 s), a hyperglycemic response was observed in rats for the first 45 minutes after the intraperitoneal glucose load, and there was a significant increase in insulin levels and insulin area under the curve (AUC) during the IVGTT[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2461 mL	1.2305 mL	2.461 mL
5 mM	0.0492 mL	0.2461 mL	0.4922 mL
10 mM	0.0246 mL	0.123 mL	0.2461 mL
50 mM	0.0049 mL	0.0246 mL	0.0492 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.

Reference

Darleen A Sandoval, et al. Arcuate glucagon-like peptide 1 receptors regulate glucose homeostasis but not food intake. Diabetes. 2008 Aug;57(8):2046-54.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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