

Glepaglutide

Chemical Properties

CAS No. :	914009-86-2
Formula:	C197H325N53O55
Molecular Weight:	4316.08
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Glepaglutide (ZP1848), a long-acting glucagon-like peptide-2 (GLP-2) analogue, functions as a potent GLP-2 receptor (GLP-2R) agonist, effectively reducing fecal output and enhancing intestinal absorption while alleviating small intestine inflammation. It holds potential for researching inflammatory bowel disease (IBD) and Crohn's disease [1] [2] [3].
Targets(IC50)	Glucagon Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2317 mL	1.1585 mL	2.3169 mL
5 mM	0.0463 mL	0.2317 mL	0.4634 mL
10 mM	0.0232 mL	0.1158 mL	0.2317 mL
50 mM	0.0046 mL	0.0232 mL	0.0463 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.

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