

Glucagon-Like Peptide (GLP) II, human

Chemical Properties

CAS No. : 89750-15-2

Formula: C165H254N44O55S

Molecular Weight: 3766.2

HADGFSDEMNTILDNLAAARDFINWLIQTKITD

Keep away from moisture

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	Glucagon-like peptide 2 (GLP-2) is a recently identified intestinal epithelium-specific growth factor that has been shown to reduce the severity of inflammatory disorders of the intestine in rodent models. Currently Glucagon-Like Peptide 2 is used as a potential therapeutic agent for the human subjects with a broad variety of intestinal diseases characterized by intestinal damage and insufficiency.
Targets(IC50)	Apoptosis,Endogenous Metabolite

Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2655 mL	1.3276 mL	2.6552 mL
5 mM	0.0531 mL	0.2655 mL	0.531 mL
10 mM	0.0266 mL	0.1328 mL	0.2655 mL
50 mM	0.0053 mL	0.0266 mL	0.0531 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

Drucker DJ, et al. Induction of intestinal epithelial proliferation by glucagon-like peptide 2. Proc Natl Acad Sci U S A. 1996 Jul 23;93(15):7911-6.

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