

Exendin-3

Chemical Properties

CAS No. :	130357-25-4
Formula:	C184H282N50O61S
Molecular Weight:	4202.57
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>

HSDGTFSDLSKQMEEEAVRLIEWLKNKGGPSSGAPPPS-NH₂

Biological Description

Description	Exendin-3 is a biologically active peptide and pancreatic secretagogue from the glucagon family, isolated from the venoms of Gila monster lizards (<i>Heloderma horridum</i>).
Targets(IC50)	Glucagon Receptor, Amylase

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	0.2379 mL	1.1897 mL	2.3795 mL
5 mM	0.0476 mL	0.2379 mL	0.4759 mL
10 mM	0.0238 mL	0.119 mL	0.2379 mL
50 mM	0.0048 mL	0.0238 mL	0.0476 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

Raufman JP, et al. Exendin-3, a novel peptide from *Heloderma horridum* venom, interacts with vasoactive intestinal peptide receptors and a newly described receptor on dispersed acini from guinea pig pancreas. Description of exendin-3(9-39) amide, a specific exendin receptor antagonist. *J Biol Chem.* 1991 Feb 15;266(5):2897-902.

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