

Exendin-3

Chemical Properties

CAS No. : 130357-25-4

Formula: C184H282N50O61S

Molecular Weight: 4202.57

HSDGTFSTDSLKQMEEEAVRLIEWLKNGGPSSGAPPPS-NH₂

Appearance: no data available

Storage: keep away from moisture

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

Biological Description

Description	Exendin-3 is a biologically active peptides isolated from venoms of the Gila monster lizards, <i>Heloderma horridum</i> . Exendin-3 is a pancreatic secretagogue, which is a member of the glucagon family. It is found in the venom of <i>Heloderma horridum</i> , which is a Gila monster lizard.
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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.

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.

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