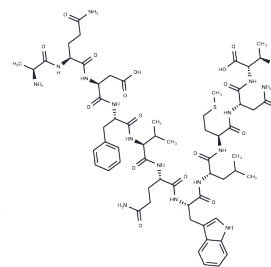


Glucagon (19-29), human

Chemical Properties

CAS No. :	64790-15-4
Formula:	C61H89N15O18S
Molecular Weight:	1352.53
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	Glucagon is a 29-amino-acid peptide hormone liberated in the alpha cells of the islets of Langerhans. Glucagon-producing alpha cells represent one of the earliest populations of detectable islet cells in the developing endocrine pancreas.
Targets(IC50)	Glucagon Receptor

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	0.7394 mL	3.6968 mL	7.3936 mL
5 mM	0.1479 mL	0.7394 mL	1.4787 mL
10 mM	0.0739 mL	0.3697 mL	0.7394 mL
50 mM	0.0148 mL	0.0739 mL	0.1479 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

Dalle S, et al. Miniglucagon (glucagon 19-29), a potent and efficient inhibitor of secretagogue-induced insulin release through a Ca²⁺ pathway. J Biol Chem. 1999 Apr 16;274(16):10869-76.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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