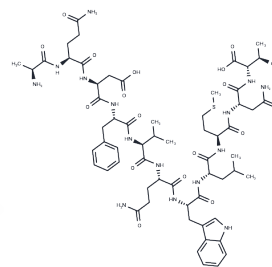


## Glucagon (19-29), human

## Chemical Properties

CAS No. :	64790-15-4
Formula:	C <sub>61</sub> H <sub>89</sub> N <sub>15</sub> O <sub>18</sub> S
Molecular Weight:	1352.53
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	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.
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## Solubility Information

Solubility	H <sub>2</sub> O: 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.

## Reference

Dalle S, et al. Miniglucagon (glucagon 19-29), a potent and efficient inhibitor of secretagogue-induced insulin release through a Ca<sup>2+</sup> pathway. J Biol Chem. 1999 Apr 16;274(16):10869-76.

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