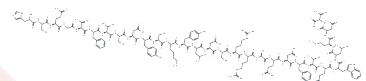


## Glucagon hydrochloride

## Chemical Properties

CAS No. :	19179-82-9
Formula:	C153H225N43O49S?XHCl
Molecular Weight:	3482.75
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, a peptide hormone derived from proglucagon in pancreatic $\alpha$ cells, regulates glucose metabolism. It stimulates glucose production in rat hepatocytes ex vivo and enhances glucose output from perfused rat livers through elevated gluconeogenesis and glycogenolysis, while reducing glycolysis, and raises plasma glucose levels in rats. Glucagon secretion decreases following food intake in healthy rats and humans, yet remains unchanged or increases in individuals with type 2 diabetes.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2871 mL	1.4356 mL	2.8713 mL
5 mM	0.0574 mL	0.2871 mL	0.5743 mL
10 mM	0.0287 mL	0.1436 mL	0.2871 mL
50 mM	0.0057 mL	0.0287 mL	0.0574 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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