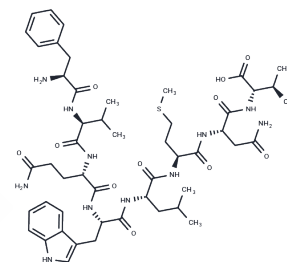


Glucagon (22-29)

Chemical Properties

CAS No. :	32204-93-6
Formula:	C49H71N11O12S
Molecular Weight:	1038.22
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 (22-29) acts as a partial agonist of Glucagon (19-29) and independently inhibits the calcium (Ca ²⁺) pump in liver plasma membranes without activating adenylate cyclase [1] [2].
Targets(IC50)	Glucagon Receptor
In vitro	Glucagon (22-29) achieves a modest maximal inhibition of (Ca ²⁺ +Mg ²⁺) ATPase, ranging from 5-15%, and exhibits low potency with a K _i of 1 μM, comparable to native glucagon [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9632 mL	4.8159 mL	9.6319 mL
5 mM	0.1926 mL	0.9632 mL	1.9264 mL
10 mM	0.0963 mL	0.4816 mL	0.9632 mL
50 mM	0.0193 mL	0.0963 mL	0.1926 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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