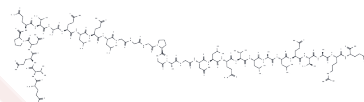


## C-Peptide 2, rat

## Chemical Properties

CAS No. :	41594-08-5
Formula:	C135H222N38O49
Molecular Weight:	3161.478
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	C-Peptide 2, rat, a 31-amino-acid peptide, serves as a constituent in proinsulin. It possesses the ability to hinder glucose-triggered insulin secretion.
Targets(IC50)	IGF-1R

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3163 mL	1.5815 mL	3.1631 mL
5 mM	0.0633 mL	0.3163 mL	0.6326 mL
10 mM	0.0316 mL	0.1582 mL	0.3163 mL
50 mM	0.0063 mL	0.0316 mL	0.0633 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

Toyota T, et, al. Inhibitory action of rat insulin and synthetic rat C-peptide on insulin secretion in the perfused rat pancreas. Acta Diabetol Lat. Sep-Dec 1977; 14(5-6): 250-6.

Wójcikowski C, et, al. Effects of synthetic rat C-peptide in normal and diabetic rats. Diabetologia. 1983 Sep;25(3): 288-90.

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