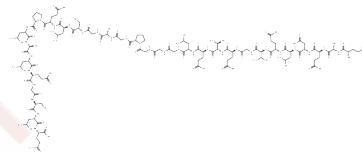


## Proinsulin C-peptide (human)

## Chemical Properties

CAS No. :	33017-11-7
Formula:	C129H211N35O48
Molecular Weight:	3020.26
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	Proinsulin C-peptide (human) is a 31-amino acid peptide that links the Proinsulin A and B chains, ensuring their proper folding, biological activity, and regulation of cellular functions.
Targets(IC50)	IGF-1R

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3311 mL	1.6555 mL	3.311 mL
5 mM	0.0662 mL	0.3311 mL	0.6622 mL
10 mM	0.0331 mL	0.1655 mL	0.3311 mL
50 mM	0.0066 mL	0.0331 mL	0.0662 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

R. S. Mughal, et al. Cellular mechanisms by which proinsulin C-peptide prevents insulin-induced neointima formation in human saphenous vein. *Diabetologia*. 2010 Aug;53(8):1761-71.

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