

## Proinsulin C-peptide human acetate

## Chemical Properties

CAS No. :

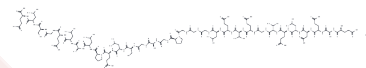
Formula: C131H215N35O50

Molecular Weight: 3080.31

Keep away from moisture

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	Proinsulin C-peptide human acetate (Proinsulin C-peptide human acetate (33017-11-7 Free base)) is a polypeptide of 31 amino acid residues that links the A and B chains of proinsulin to ensure proper folding, has biological activity and regulates cellular functions.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3246 mL	1.6232 mL	3.2464 mL
5 mM	0.0649 mL	0.3246 mL	0.6493 mL
10 mM	0.0325 mL	0.1623 mL	0.3246 mL
50 mM	0.0065 mL	0.0325 mL	0.0649 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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