

C-Peptide 2, rat acetate

Chemical Properties

CAS No. :

Formula: C137H226N38O51

Molecular Weight: 3221.48

Storage: Keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.C-Peptide 2,
rat acetate

Biological Description

Description	C-Peptide 2, rat acetate is a proinsulin component of inhibiting glucose-induced insulin secretion, consisting of acetate and a polypeptide composed of 31 amino acid residues [1] [2].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3104 mL	1.5521 mL	3.1042 mL
5 mM	0.0621 mL	0.3104 mL	0.6208 mL
10 mM	0.031 mL	0.1552 mL	0.3104 mL
50 mM	0.0062 mL	0.031 mL	0.0621 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

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

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

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