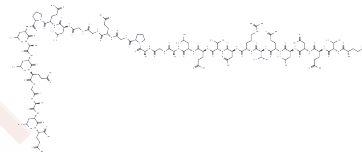


C-Peptide, dog

Chemical Properties

CAS No. :	39016-05-2
Formula:	C137H225N37O49
Molecular Weight:	3174.47
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, dog, is a component of proinsulin released from pancreatic beta cells into the blood alongside insulin. It plays a crucial role in the biosynthesis of insulin but has long been considered biologically inert.
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Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.315 mL	1.5751 mL	3.1501 mL
5 mM	0.063 mL	0.315 mL	0.630 mL
10 mM	0.0315 mL	0.1575 mL	0.315 mL
50 mM	0.0063 mL	0.0315 mL	0.063 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

Kawanishi K, et al. Immunoreactive dog C-peptide level in the pancreatic vein. Horm Metab Res. 1980 Dec;12(12): 660-4.

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