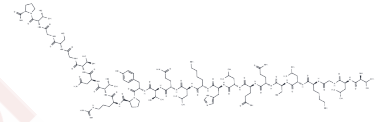


## Calcitonin (8-32), salmon

## Chemical Properties

CAS No. :	155069-90-2
Formula:	C119H198N36O37
Molecular Weight:	2725.06
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	Calcitonin (8-32), salmon is a highly selective amylin receptor antagonist. Calcitonin, a hormone involved in calcium and phosphorus metabolism, is primarily produced by the parafollicular or C cells in the mammalian thyroid gland and is a 32 amino acid peptide cleaved from a larger prohormone.
Targets(IC50)	Amylin Receptor

## 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	0.367 mL	1.8348 mL	3.6696 mL
5 mM	0.0734 mL	0.367 mL	0.7339 mL
10 mM	0.0367 mL	0.1835 mL	0.367 mL
50 mM	0.0073 mL	0.0367 mL	0.0734 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

Silvestre RA, et al. Effect of (8-32) salmon calcitonin, an amylin antagonist, on insulin, glucagon and somatostatin release: study in the perfused pancreas of the rat. Br J Pharmacol. 1996 Jan;117(2):347-50.

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