

Calcitonin, porcine

Chemical Properties

CAS No. :	12321-44-7
Formula:	C159H232N46O45S3
Molecular Weight:	3604.02
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, porcine, inhibits 1,25 (OH) 2 D 3-stimulated porcine osteoclast differentiation. As a polypeptide hormone, Calcitonin can lower serum calcium by decreasing calcium reabsorption in the kidney and inhibiting osteoclastic bone resorption. Calcitonin, porcine, can be used for research of hypercalcemia [1] [2].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2775 mL	1.3873 mL	2.7747 mL
5 mM	0.0555 mL	0.2775 mL	0.5549 mL
10 mM	0.0277 mL	0.1387 mL	0.2775 mL
50 mM	0.0055 mL	0.0277 mL	0.0555 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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