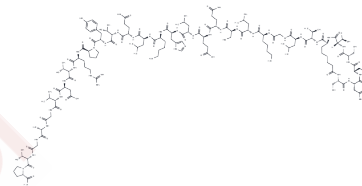


Elcatonin

Chemical Properties

CAS No. :	60731-46-6
Formula:	C148H244N42O47
Molecular Weight:	3363.77
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	Elcatonin (Carbocalcitonin), a synthetic analog of eel calcitonin, enhances bone mineral density, inhibits bone resorption, and exhibits a central analgesic effect [1].
In vivo	Elcatonin (Carbocalcitonin) at a dosage of 20 U/kg, administered subcutaneously two days after oxaliplatin treatment, reduces oxaliplatin-induced cold and mechanical allodynia in male Sprague-Dawley rats (150-250 g) [2]. [1] Animal Model: Oxaliplatin-Induced Allodynia Models. Result: Attenuated oxaliplatin-induced cold in rats.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2973 mL	1.4864 mL	2.9729 mL
5 mM	0.0595 mL	0.2973 mL	0.5946 mL
10 mM	0.0297 mL	0.1486 mL	0.2973 mL
50 mM	0.0059 mL	0.0297 mL	0.0595 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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