

Calcitonin, eel TFA (57014-02-5 free base)

Chemical Properties

CAS No. :

Formula: C148H242F3N43O49S2

Molecular Weight: 3528.89

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description

Calcitonin, eel TFA is a thyroid hormone polypeptide that can regulate calcium homeostasis and is widely used in the study of postmenopausal osteoporosis.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2834 mL	1.4169 mL	2.8338 mL
5 mM	0.0567 mL	0.2834 mL	0.5668 mL
10 mM	0.0283 mL	0.1417 mL	0.2834 mL
50 mM	0.0057 mL	0.0283 mL	0.0567 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

Sortino MA, et al. Comparative effects of eel calcitonin, salmon calcitonin and [Asu1,7]eel calcitonin on hypophyseal and osteoblastic function. Gynecol Endocrinol. 1993 Jun;7(2):89-96.

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