

Calcitonin-13C6,15N4 trifluoroacetic acid

Chemical Properties

CAS No. :

Formula: C140 13C5H240N43 15NO48S2.5C2HF3O2

Molecular Weight: 4007.93

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-13C6,15N4 trifluoroacetic acid is a version of calcitonin (salmon) labeled with carbon-13 and nitrogen-15. This hormone regulates calcium and acts dualistically as an agonist to both amylin and calcitonin receptors, promoting bone formation while inhibiting bone resorption.
Targets(IC50)	Cannabinoid Receptor,CGRP Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2495 mL	1.2475 mL	2.4951 mL
5 mM	0.0499 mL	0.2495 mL	0.499 mL
10 mM	0.025 mL	0.1248 mL	0.2495 mL
50 mM	0.005 mL	0.025 mL	0.0499 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.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481