

DPC AJ1951 acetate

Chemical Properties

CAS No. :

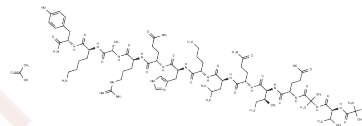
Formula: C78H131N23O21

Molecular Weight: 1727.02

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	DPC-AJ1951 acetate, a 14 amino acid peptide that acts as a potent agonist of the parathyroid hormone (PTH)/PTH-related peptide receptor (PPR). And characterized the activity of DPC-AJ1951 acetate in ex vivo and in vivo assays of bone resorption[1].
Targets(IC50)	Thyroid hormone receptor(THR)
In vitro	DPC-AJ1951 acetate induces intracellular Ca ²⁺ mobilization in HEK 293 cells transfected with the human PPR (EC ₅₀ 26±14 nM)[1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.579 mL	2.8952 mL	5.7903 mL
5 mM	0.1158 mL	0.579 mL	1.1581 mL
10 mM	0.0579 mL	0.2895 mL	0.579 mL
50 mM	0.0116 mL	0.0579 mL	0.1158 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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