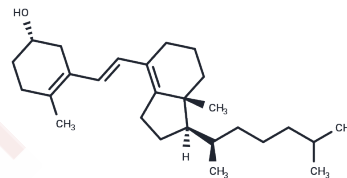


Isotachysterol 3

Chemical Properties

CAS No. :	22350-43-2
Formula:	C ₂₇ H ₄₄ O
Molecular Weight:	384.64
Storage:	Powder: -20°C for 3 years Actual storage temperature shall be subject to the COA.



Biological Description

Description	Isotachysterol 3, an analog of 1,25-dihydroxy Vitamin D ₃ , was found to enhance intestinal calcium transport and stimulate bone calcium mobilization in anephric rats[1].
Targets(IC50)	Others, Calcium Channel

Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5998 mL	12.9992 mL	25.9983 mL
5 mM	0.520 mL	2.5998 mL	5.1997 mL
10 mM	0.260 mL	1.2999 mL	2.5998 mL
50 mM	0.052 mL	0.260 mL	0.520 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

M F Holick, et al. Isotachysterol-3 and 25-hydroxyisotachysterol-3: Analogs of 1,25-dihydrox Vitamin D₃. Science. 1973 Jun 1;180(4089):964-6.

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