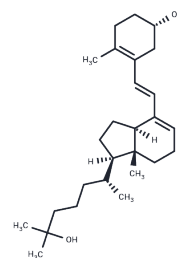


25-Hydroxytachysterol3

Chemical Properties

CAS No. :	39932-44-0
Formula:	C27H44O2
Molecular Weight:	400.64
Storage:	Keep away from direct sunlight,Store under nitrogen 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	25-Hydroxytachysterol3 is a metabolite of Vitamin D3 that inhibits the proliferation of epidermal keratinocytes and dermal fibroblasts while promoting the differentiation of keratinocytes and the expression of antioxidant-related genes. It activates receptors including the vitamin D receptor (VDR), aryl hydrocarbon receptor (AhR), liver X receptor α/β (LXR α/β), and peroxisome proliferator-activated receptor γ (PPAR γ), and enhances the expression of CYP24A1.
Targets(IC50)	Aryl Hydrocarbon Receptor,Vitamin,Liver X Receptor,PPAR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.496 mL	12.480 mL	24.9601 mL
5 mM	0.4992 mL	2.496 mL	4.992 mL
10 mM	0.2496 mL	1.248 mL	2.496 mL
50 mM	0.0499 mL	0.2496 mL	0.4992 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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