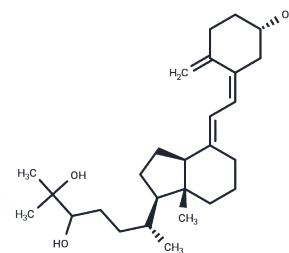


24, 25-Dihydroxy VD3

Chemical Properties

CAS No. :	40013-87-4
Formula:	C ₂₇ H ₄₄ O ₃
Molecular Weight:	416.64
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	24, 25-Dihydroxy VD3 is closely related to 1,25-dihydroxy vitamin D3, the active form of vitamin D3.
Targets(IC50)	Others,Endogenous Metabolite,Vitamin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4002 mL	12.0008 mL	24.0015 mL
5 mM	0.480 mL	2.4002 mL	4.8003 mL
10 mM	0.240 mL	1.2001 mL	2.4002 mL
50 mM	0.048 mL	0.240 mL	0.480 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

Takayama H. Creation of functional organic compounds and their applications Yakugaku Zasshi. 2002 Feb;122(2): 127-55.

Kim YR, Abraham NG, Lutton JD. Mechanisms of differentiation of U937 leukemic cells induced by GM-CSF and 1,25 (OH)₂ vitamin D₃. Leuk Res. 1991;15(6):409-18.

Dennis Wagner, Heather E. Hanwell, Kareena Schnabl et al. The ratio of serum 24,25-dihydroxyvitamin D₃ to 25-hydroxyvitamin D₃ is predictive of 25-hydroxyvitamin D₃ response to vitamin D₃ supplementation. The Journal of Steroid Biochemistry and Molecular Biology. Volume 126, Issues 3-5, September 2011, Pages 72-77

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