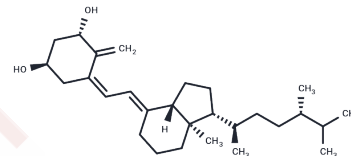


1alpha-Hydroxy VD4

Chemical Properties

CAS No. :	143032-85-3
Formula:	C ₂₈ H ₄₆ O ₂
Molecular Weight:	414.66
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	1alpha-Hydroxy VD4 can effectively induce the differentiation of monoblastic leukaemia U937, P39/TSU, and P31/FUJ cells.
Targets(IC50)	Others,Vitamin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4116 mL	12.0581 mL	24.1161 mL
5 mM	0.4823 mL	2.4116 mL	4.8232 mL
10 mM	0.2412 mL	1.2058 mL	2.4116 mL
50 mM	0.0482 mL	0.2412 mL	0.4823 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 Makishima, et al. Growth inhibition and differentiation induction in human monoblastic leukaemia cells by 1alpha-hydroxyvitamin D derivatives and their enhancement by combination with hydroxyurea. British Journal of Cancer (1998) 77, 33-39

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