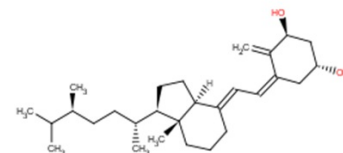


## 1alpha-Hydroxy VD4

## Chemical Properties

CAS No.:	143032-85-3
Formula:	C <sub>28</sub> H <sub>46</sub> O <sub>2</sub>
Molecular Weight:	414.66
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	1alpha-Hydroxy VD4 can effectively induce the differentiation of monoblastic leukaemia U937, P39/TSU, and P31/FUJ cells.
Targets(IC <sub>50</sub> )	Others: None

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.412 mL	12.058 mL	24.116 mL
5 mM	0.482 mL	2.412 mL	4.823 mL
10 mM	0.241 mL	1.206 mL	2.412 mL
50 mM	0.048 mL	0.241 mL	0.482 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. 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



Inhibitors · Natural Compounds · Compound Libraries

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