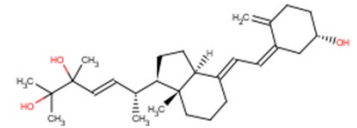


## Data Sheet (Cat.No.T19107)

### 24, 25-Dihydroxy VD2

#### Chemical Properties

CAS No.:	58050-55-8
Formula:	C <sub>28</sub> H <sub>44</sub> O <sub>3</sub>
Molecular Weight:	428.65
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



#### Biological Description

Description	24, 25-Dihydroxy VD2 is a hydroxylated metabolite of Vitamin D2.
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	2.333 mL	11.665 mL	23.329 mL
5 mM	0.467 mL	2.333 mL	4.666 mL
10 mM	0.233 mL	1.166 mL	2.333 mL
50 mM	0.047 mL	0.233 mL	0.467 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

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- Glennville Jones<sup>2</sup>, Heinrich K. Schnoes, Leon Levan et al. Isolation and identification of 24-hydroxyvitamin D<sub>2</sub> and 24,25-dihydroxyvitamin D<sub>2</sub>. *Archives of Biochemistry and Biophysics.* Volume 202, Issue 2, July 1980, Pages 450-457
- Glennville Jones, Alan Rosenthal, David Segev et al. Isolation and identification of 24,25-dihydroxy vitamin D<sub>2</sub> by use of the perfused rat kidney. *Biochemistry*, 1979, 18 (6), pp 1094-1101

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