25-Hydroxyvitamin D3

Precursor to 1α,25-dihydroxyvitamin D3

25-Hydroxyvitamin D3 is an Intermediate in the biosynthesis of 1α,25-dihydroxyvitamin D_3 and a major circulating metabolite of vitamin D_3. Plasma or serum levels of 25-hydroxyvitamin D3 can be determined by ELISA (Prod. No. ADI-900-215) and used as indicators of the vitamin D status of an individual.

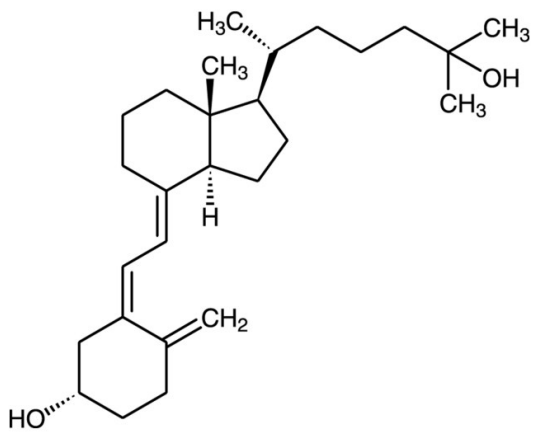
- Ultra-high purity
- Key indicator of vitamin D levels

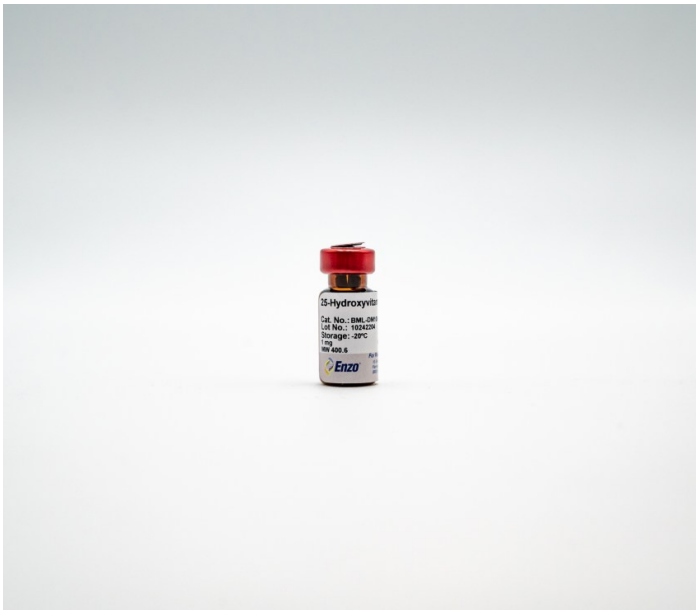
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Ordering Information Order Online »

BML-DM100-0001	1mg
BML-DM100-0005	5mg

Manuals, SDS & CofA View Online »


H3C
CH3
CH3
OH
CH3
H
CH2
HO


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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Protect from light and oxygen.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Calcifediol, 25-Hydroxycholecalciferol
Appearance	White to off-white crystalline solid.
CAS	19356-17-3
Couple Target	Vitamin D receptor
Couple Type	Ligand
Formula	$C_{27}H_{44}O_2$
Identity	Identity determined by MS and NMR.
MW	400.6
Purity	≥98% (HPLC)
Solubility	Soluble in 100% ethanol.
Source	Synthetic.

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