



Product Information

CAS Registry No. 32222-06-3

Product Name: Calcitriol / 1 α , 25-Dihydroxyvitamin D₃

Catalog No. C0145

Chemical Name: (1 α ,3 β ,5Z,7E)-9,10-Secocholesta-5,7,10(19)-triene-1,3,25-triol

Synonym(s): 1 α ,25-Dihydroxyvitamin D₃

Mol. formula: C₂₇H₄₄O₃

Formula wt: 416.64

M.p. 111°C-115°C

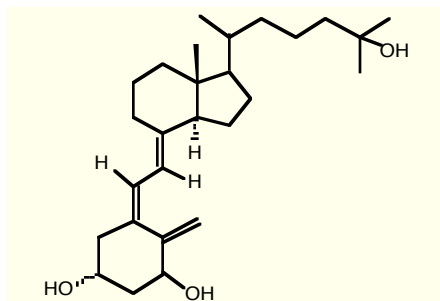
B.p.

Purity: \geq 97%

Solubility: Slightly soluble in ethanol, ethyl acetate. Soluble in DMSO

Stability (in original shipping container): Air and light sensitive

Storage temp: -20 deg C



Product Description:

The active hormonal form of vitamin D₃.

Induces cell differentiation and prevents proliferation of cancer cells. Along with dietary calcium, reduces the risk of colon cancer.

References:

Garland, C., Garland F.C. *Int. J. Epidemiol.* **9**:227-231 (1980).
Mehta, R.G., Moriarty, R.M., Mehta, R.R., *et.al. J. Natl. Cancer Inst.* **89**:212-218 (1997).

PRICING

50 μ g	\$135.60
5 x 50 μ g	\$542.10
1 mg	\$1355.20

Bulk quantity available upon request

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Caution: This product is intended for laboratory and research use only. It is not for human or drug use.