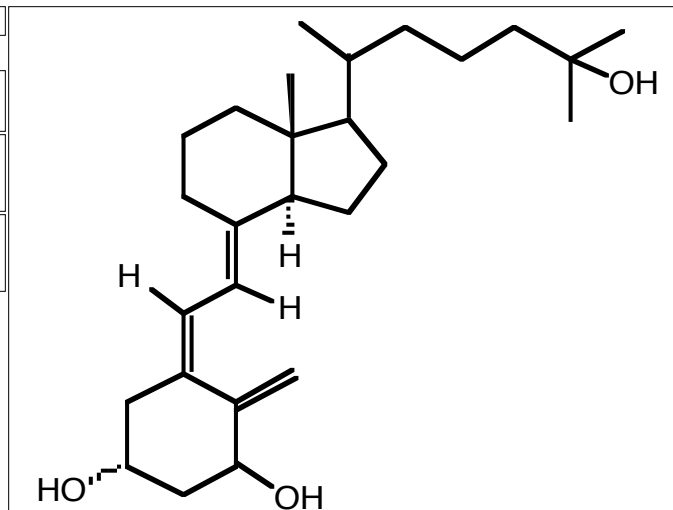




**LKT Laboratories, Inc**  
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# Product Information

<b>CAS No.</b>	32222-06-3
<b>Product ID</b>	C0145
<b>Product Name</b>	Calcitriol / 1 $\alpha$ , 25-Dihydroxyvitamin D <sub>3</sub>
<b>Chemical Name</b>	(1 $\alpha$ ,3 $\beta$ ,5Z,7E)-9,10-Secocholesta-5,7,10(19)-triene-1,3,25-triol
<b>Synonym</b>	1 $\alpha$ ,25-Dihydroxyvitamin D <sub>3</sub>
<b>Formula</b>	C <sub>27</sub> H <sub>44</sub> O <sub>3</sub>
<b>Formula Wt.</b>	416.64
<b>Melting Point</b>	111°C-115°C
<b>Boiling Point</b>	
<b>Purity</b>	≥97%
<b>Solubility</b>	Slightly soluble in ethanol,
<b>Stability</b>	Air and light sensitive
<b>Store Temp</b>	-20 deg C
<b>Ship Temp</b>	dry ice
<b>Product Description</b>	The active hormonal form of vitamin D <sub>3</sub> . Induces cell differentiation and prevents proliferation of cancer cells. Along with dietary calcium, reduces the risk of colon cancer.
<b>References</b>	Garland, C., Garland F.C. <i>Int. J. Epidemiol.</i> <b>9</b> :227-231 (1980). Mehta, R.G., Moriarty, R.M., Mehta, R.R., <i>et.al. J. Natl. Cancer Inst.</i> <b>89</b> :212-218 (1997).



## Pricing

50 $\mu$ g	\$151.90
5 x 50 $\mu$ g	\$607.20
1 mg	\$1,517.80

**Bulk quantities available upon request**

## LKT Laboratories, Inc.

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