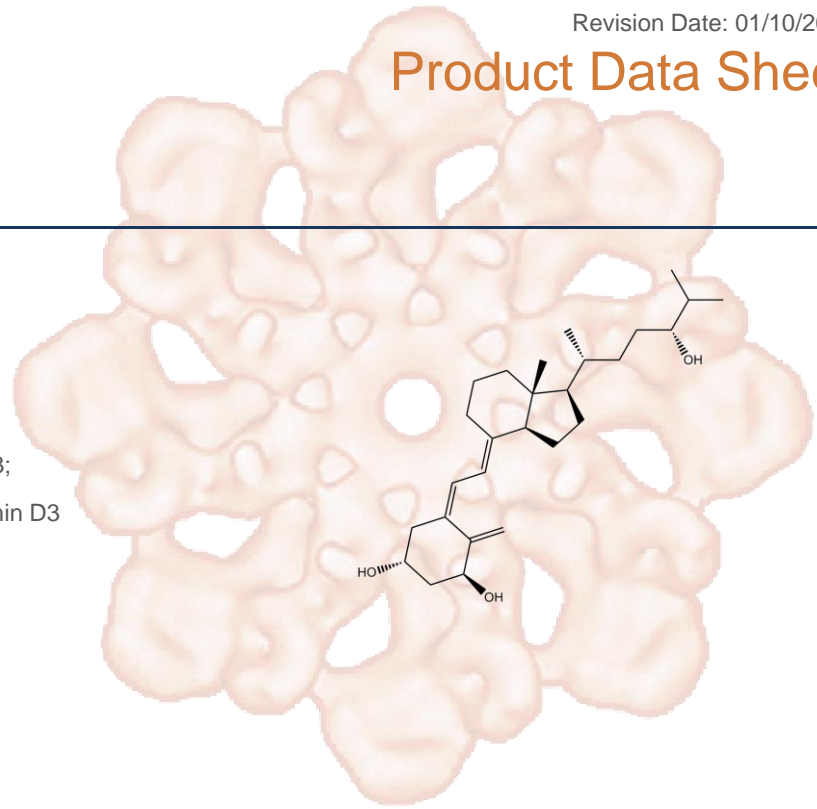


# Product Data Sheet

## Tacalcitol

<b>Cat. No.:</b>	A3848
<b>CAS No.:</b>	57333-96-7
<b>Formula:</b>	C <sub>27</sub> H <sub>44</sub> O <sub>3</sub>
<b>M.Wt:</b>	416.65
<b>Synonyms:</b>	1,24(R)-Dihydroxyvitamin D <sub>3</sub> ; 1.alpha.,24R-Dihydroxyvitamin D <sub>3</sub>
<b>Target:</b>	Vitamin D Related
<b>Pathway:</b>	VD/VDR
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

Soluble in DMSO

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass		
		1mg	5mg	10mg
	1 mM	2.4001 mL	12.0005 mL	24.0010 mL
	5 mM	0.4800 mL	2.4001 mL	4.8002 mL
	10 mM	0.2400 mL	1.2000 mL	2.4001 mL

Please refer to the solubility information to select the appropriate solvent.

## Biological Activity

Shortsummary

Promotes normal bone development by regulating calcium

 IC<sub>50</sub> & Target

In Vitro

### Cell Viability Assay

Preparation method:

In Vivo

### Animal experiment

Applications:

## Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APEX<sup>BIO</sup> products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

**APEX<sup>BIO</sup> Technology**

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