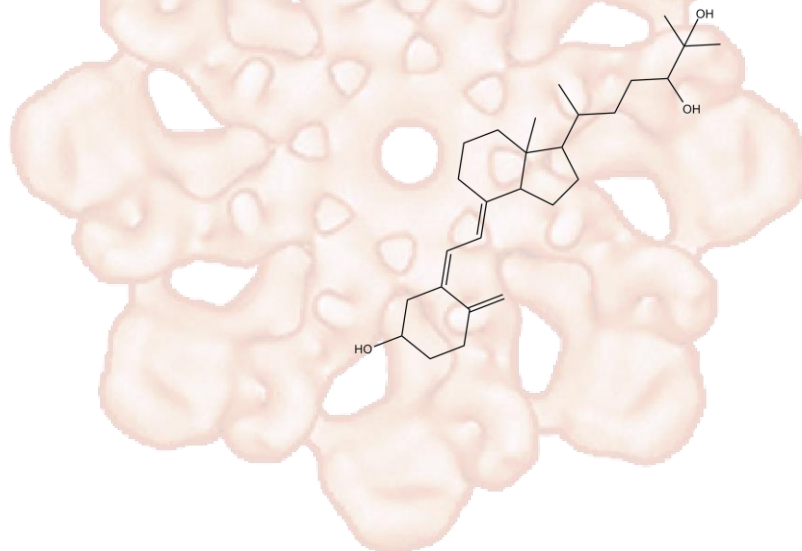


Product Data Sheet

24, 25-Dihydroxy VD3

Cat. No.:	A3115
CAS No.:	40013-87-4
Formula:	C ₂₇ H ₄₄ O ₃
M.Wt:	416.64
Synonyms:	
Target:	Vitamin D Related
Pathway:	VD/VDR
Storage:	Store at -20°C



Solvent & Solubility

Soluble in DMSO

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass	1mg	5mg	10mg
	1 mM		2.4002 mL	12.0008 mL	24.0015 mL
	5 mM		0.4800 mL	2.4002 mL	4.8003 mL
	10 mM		0.2400 mL	1.2001 mL	2.4002 mL

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

Biological Activity

Shortsummary

Vitamin D analogue

 IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Xue, Ying, et al. "Simultaneous Quantification of 25-Hydroxyvitamin D3 and 24, 25-Dihydroxyvitamin D3 in Rats Shows Strong Correlations between Serum and Brain Tissue Levels." International journal of endocrinology 2015 (2015).PMID:26713090
2. He X, Jiang P, Xue Y, et al. "Simultaneous analysis of 25OHD 3 and 24, 25 (OH) 2 D 3 both in human serum and cerebrospinal fluid by LC-MS/MS[J]."Analytical Methods, 2016, 8(11): 2400-2407.

See more customer validations on 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 APExBIO 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.

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