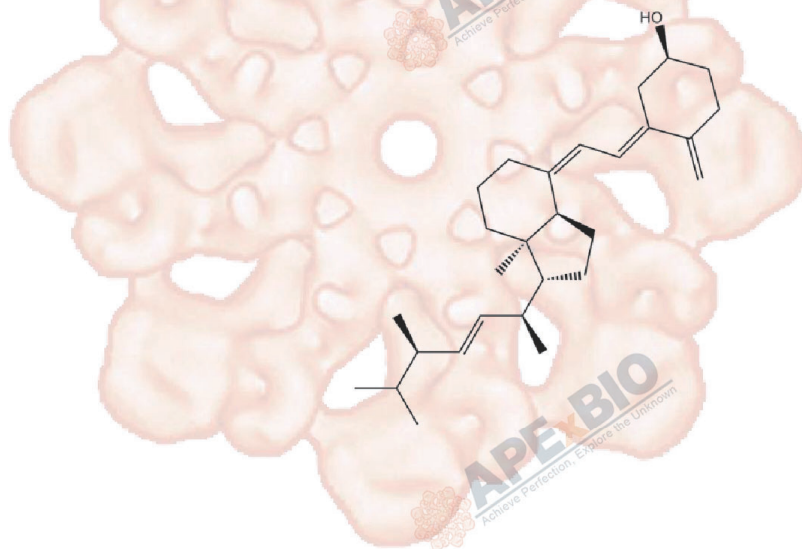


Product Data Sheet

Vitamin D2 (Ergocalciferol)

Cat. No.:	A8543
CAS No.:	50-14-6
Formula:	C28H44O
M.Wt:	396.65
Synonyms:	
Target:	Others
Pathway:	Others
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥ 11.83 mg/mL in DMSO with ultrasonic; ≥ 16.8 mg/mL in EtOH

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		1 mM	2.5211 mL	12.6056 mL	25.2111 mL
		5 mM	0.5042 mL	2.5211 mL	5.0422 mL
		10 mM	0.2521 mL	1.2606 mL	2.5211 mL

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

Biological Activity

Shortsummary	DNA Polymerase inhibitor	
IC ₅₀ & Target		
In Vitro	Cell Viability Assay	
	Preparation method:	
In Vivo	Animal experiment	
	Applications:	

Product Citations

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. Short-term 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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