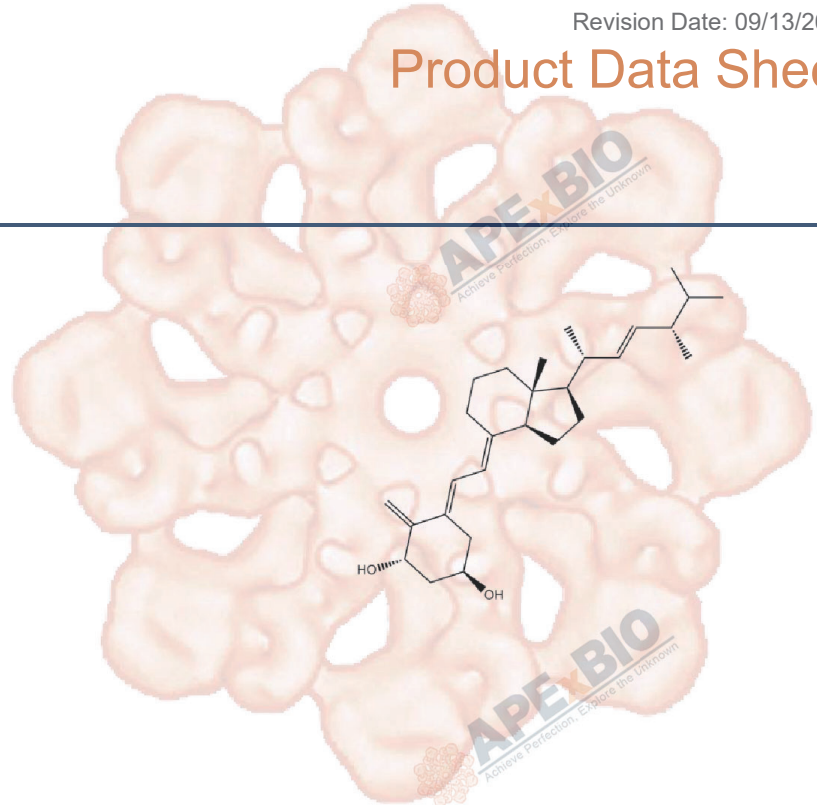


Product Data Sheet

Doxercalciferol

Cat. No.:	B2091
CAS No.:	54573-75-0
Formula:	C28H44O2
M.Wt:	412.66
Synonyms:	
Target:	Vitamin D Related
Pathway:	VD/VDR
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥11.5 mg/mL in DMSO; ≥51.7 mg/mL in EtOH

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		1 mM	2.4233 mL	12.1165 mL	24.2330 mL
		5 mM	0.4847 mL	2.4233 mL	4.8466 mL
		10 mM	0.2423 mL	1.2117 mL	2.4233 mL

Please refer to the solubility information to select the appropriate solvent

Biological Activity

Shortsummary	Vitamin D receptor activator	
IC ₅₀ & Target		
In Vitro	Cell Viability Assay	
	Preparation method:	
In Vivo	Animal experiment	
	Applications:	

Product Citations

1. Saputo S, Faustoferri RC, et al. "Vitamin D compounds are bactericidal against Streptococcus mutans and target the bacitracin-associated efflux system." Antimicrob Agents Chemother. 2017 Oct 23. pii: AAC.01675-17. PMID:29061743

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 APEX BIO 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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