



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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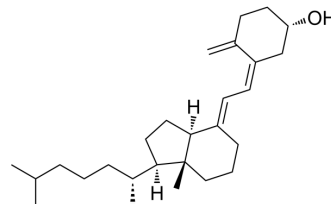
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Vitamin D3 (Standard)

Cat. No.:	HY-15398R
CAS No.:	67-97-0
Molecular Formula:	C ₂₇ H ₄₄ O
Molecular Weight:	384.64
Target:	Endogenous Metabolite; Bacterial; VD/VDR
Pathway:	Metabolic Enzyme/Protease; Anti-infection; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Vitamin D3 (Standard) is the analytical standard of Vitamin D3. This product is intended for research and analytical applications. Vitamin D3 (Cholecalciferol; Colecalciferol) is a naturally occurring form of vitamin D. Vitamin D3 induces cell differentiation and prevents proliferation of cancer cells.

REFERENCES

- [1]. Nazik Al-Hashimi, et al. Cholecalciferol
- [2]. Laura Bergadà, et al. Role of local bioactivation of vitamin D by CYP27A1 and CYP2R1 in the control of cell growth in normal endometrium and endometrial carcinoma. *Lab Invest.* 2014 Jun;94(6):608-22
- [3]. Hiroki Yoshioka, et al. Vitamin D3-induced hypercalcemia increases carbon tetrachloride-induced hepatotoxicity through elevated oxidative stress in mice. *PLoS One.* 2017 Apr 27;12(4):e0176524.

Caution: Product has not been fully validated for medical applications. For research use only.

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