



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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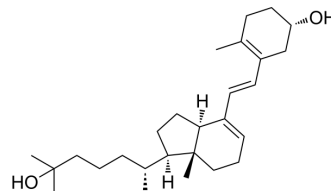
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25-Hydroxytachysterol3

Cat. No.:	HY-77278
CAS No.:	39932-44-0
Molecular Formula:	C ₂₇ H ₄₄ O ₂
Molecular Weight:	400.64
Target:	VD/VDR; Aryl Hydrocarbon Receptor; LXR; PPAR
Pathway:	Vitamin D Related/Nuclear Receptor; Immunology/Inflammation; Metabolic Enzyme/Protease; Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	25-Hydroxytachysterol3 is the metabolite of Vitamin D3 (HY-15398). 25-Hydroxytachysterol3 inhibits the proliferation of epidermal keratinocytes and dermal fibroblasts, stimulates the expression of differentiation- and antioxidant-related genes in keratinocytes. 25-Hydroxytachysterol3 activates vitamin D receptor (VDR) and aryl hydrocarbon receptor (AhR), liver X receptor α/β (LXR α/β) and peroxisome proliferator-activated receptor γ (PPAR γ), stimulates the expression of CYP24A1 ^[1] .
IC ₅₀ & Target	PPAR γ

REFERENCES

[1]. Slominski AT, et al., Metabolic activation of tachysterol3 to biologically active hydroxyderivatives that act on VDR, AhR, LXRs, and PPAR γ receptors. FASEB J. 2022 Aug;36(8):e22451.

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

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