



# 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

### SZABO-SCANDIC HandelsgmbH

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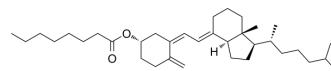
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## Vitamin D3 octanoate

Cat. No.:	HY-N8357
CAS No.:	927822-16-0
Molecular Formula:	C <sub>35</sub> H <sub>58</sub> O <sub>2</sub>
Molecular Weight:	510.83
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	-80°C, protect from light, stored under nitrogen



### BIOLOGICAL ACTIVITY

#### Description

Vitamin D3 octanoate is an octanoate ester of vitamin D<sub>3</sub><sup>[1]</sup>. Vitamin D<sub>3</sub> (Cholecalciferol; HY-15398) is a naturally occurring form of vitamin D. Vitamin D<sub>3</sub> induces cell differentiation and prevents proliferation of cancer cells<sup>[2]</sup>.

### REFERENCES

[1]. John M Ballard, et al. Degradation of vitamin D<sub>3</sub> in a stressed formulation: the identification of esters of vitamin D<sub>3</sub> formed by a transesterification with triglycerides. *J Pharm Biomed Anal.* 2007 Jan 4;43(1):142-50.

[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

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

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