



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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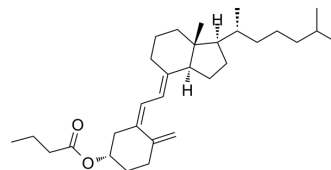
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Butyrate-Vitamin D3

Cat. No.:	HY-134493
CAS No.:	31316-20-8
Molecular Formula:	C ₃₁ H ₅₀ O ₂
Molecular Weight:	454.73
Target:	VD/VDR
Pathway:	Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Butyrate-Vitamin D3 (Butyrate-Cholecalciferol) is a derivative of vitamin D3 in which a hydroxyl group in the vitamin D3 molecule is replaced by a butyric acid group. Butyrate-Vitamin D3 affects gene expression and cell function and has certain anti-inflammatory effects. Butyrate-Vitamin D3 can be used in the study of immune regulation, metabolic diseases and cancer^[1].

REFERENCES

[1]. Xie S, et al. Lipid metabolism and plasma metabolomics of juvenile largemouth bass *Micropterus salmoides* were affected by dietary oxidized fish oil[J]. *Aquaculture*, 2020, 522: 735158.

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

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