



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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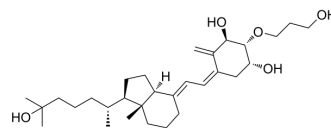
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Eldecalcitol (Standard)

Cat. No.:	HY-A0020R
CAS No.:	104121-92-8
Molecular Formula:	C ₃₀ H ₅₀ O ₅
Molecular Weight:	490.72
Target:	VD/VDR; Apoptosis
Pathway:	Vitamin D Related/Nuclear Receptor; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Eldecalcitol (Standard) is the analytical standard of Eldecalcitol. This product is intended for research and analytical applications. Eldecalcitol (ED-71) is an orally active vitamin D3 analogue, inhibits bone resorption and increases bone mineral density. Eldecalcitol (ED-71) displays anti-tumor effect and inhibits cell proliferation, migration and induces apoptosis by suppressing GPx-1^{[1][2][3][4]}.

REFERENCES

- [1]. Matsumoto T. Osteoporosis Treatment by a New Active Vitamin D3 Compound, Eldecalcitol, in Japan. *Curr Osteoporos Rep.* 2012 Aug 24.
- [2]. Huang C, et al. Eldecalcitol Inhibits LPS-Induced NLRP3 Inflammasome-Dependent Pyroptosis in Human Gingival Fibroblasts by Activating the Nrf2/HO-1 Signaling Pathway. *Drug Des Devel Ther.* 2020 Nov 13;14:4901-4913.
- [3]. Lu Y, et al. Eldecalcitol inhibits the progression of oral cancer by suppressing the expression of GPx-1. *Oral Dis.* 2021 Aug 24.
- [4]. Saito H, et al. Eldecalcitol and calcitriol stimulates 'bone minomodeling,' focal bone formation without prior bone resorption, in rat trabecular bone. *J Steroid Biochem Mol Biol.* 2013 Jul;136:178-82.

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

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