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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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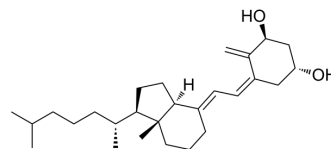
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Alfacalcidol (Standard)

Cat. No.:	HY-10003R
CAS No.:	41294-56-8
Molecular Formula:	C ₂₇ H ₄₄ O ₂
Molecular Weight:	400.64
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	Alfacalcidol (Standard) is the analytical standard of Alfacalcidol. This product is intended for research and analytical applications. Alfacalcidol (1-hydroxycholecalciferol) is a vitamin D active metabolites, acts as a non-selective VDR activator medication, and widely be used in the management of osteoporosis ^{[1][2][3][4]} .
IC ₅₀ & Target	VDR ^[2]

REFERENCES

- [1]. Galeşanu C, et al. [Postmenopausal osteoporosis. Digital Rx radiogrammetry in the diagnosis and follow-up of treatment with alfacalcidol]. Rev Med Chir Soc Med Nat Iasi. 2006 Oct-Dec;110(4):833-41.
- [2]. Nuijten M, et al. Cost Effectiveness of Paricalcitol versus a Non-Selective Vitamin D Receptor Activator for Secondary Hyperparathyroidism in the UK. Clin Drug Investig. 2010;30(8):545-57.
- [3]. Shiraishi A, et al. The advantage of alfacalcidol over vitamin D in the treatment of osteoporosis. Calcif Tissue Int. 1999 Oct;65(4):311-6.
- [4]. Nagaoka H, et al. Alfacalcidol enhances collagen quality in ovariectomized rat bones. J Orthop Res. 2014 Aug;32(8):1030-6.

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

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