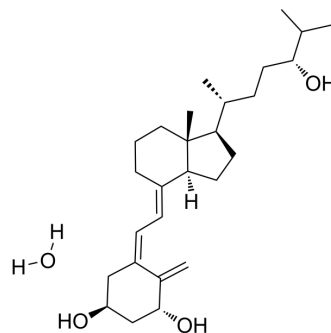


Tacalcitol monohydrate

Cat. No.:	HY-32338
CAS No.:	93129-94-3
Molecular Formula:	C ₂₇ H ₄₆ O ₄
Molecular Weight:	434.65
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

Tacalcitol monohydrate (1,24(R)-Dihydroxyvitamin D3; 1.alpha.,24R-Dihydroxyvitamin D3) promotes normal bone development by regulating calcium. IC50 value: Target: Tacalcitol modulates immunological and inflammatory processes. Tacalcitol induces nerve growth factor production in epidermal keratinocytes.

CUSTOMER VALIDATION

- FEBS Open Bio. 2023 Jul 25.
- China Tropical Medicine. 2013,13(8):944-946.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Koyano K, et al. Dimer and superstructure of the active form of a vitamin D3; 1 alpha,24(R)dihydroxy-vitamin D3 monohydrate, C27O3H44.H2O. Chem Pharm Bull (Tokyo). 2001 Mar;49(3):305-11.
- [2]. Koyano K, et al. Dimer and superstructure of the active form of a vitamin D3; 1 alpha,24(R)dihydroxy-vitamin D3 monohydrate, C27O3H44.H2O. Chem Pharm Bull (Tokyo). 2001 Mar;49(3):305-11.

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

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