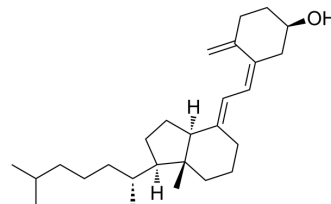


3-epi-Vitamin D3

Cat. No.:	HY-15398C
CAS No.:	57651-82-8
Molecular Formula:	C ₂₇ H ₄₄ O
Molecular Weight:	384.64
Target:	Hedgehog
Pathway:	Stem Cell/Wnt
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description	3-epi-Vitamin D3 (Epicholecalciferol) (Compound 4), a Vitamin D3 analogue, is a Hedgehog pathway inhibitor with an IC ₅₀ of 39.2 μM measured in U87MG cells ^[1] .
In Vitro	3-epi-Vitamin D3 (Epicholecalciferol) (5 or 10 μM) significantly upregulates Cyp24A1 in U87MG, HT-29 and C3H10T1/2 cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Banerjee U, et al. Evaluation of vitamin D3 A-ring analogues as Hedgehog pathway inhibitors. *Bioorg Med Chem Lett.* 2012 Feb 1;22(3):1330-4.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA