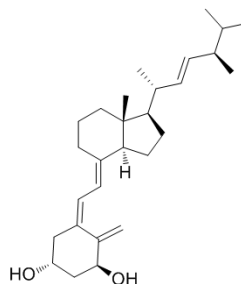


Product Name	: Doxercalciferol
Synonyms	: 1alpha-hydroxyvitamin D ₂ ; 1alpha-OHD ₂
Cat No.	: M14963
CAS Number	: 54573-75-0
Molecular Formula	: C ₂₈ H ₄₄ O ₂
Formula Weight	: 412.65
Chemical Name	: 1,3-Cyclohexanediol, 4-methylene-5-[(2E)-2-[(1R,3aS,7aR)-octahydro-7a-methyl-1-[(1R,2E)-1,4,5-trimethyl-2-hexen-1-yl]-4H-inden-4-ylidene]ethylidene]-, (1R,3S,5Z)-
Description	: A synthetic analog of vitamin D with potential antineoplastic activity; has also been shown to inhibit the growth of retinoblastomas, and may exhibit some antiproliferative activity against prostate cancer cells. Hyperparathyroidism Approved
Pathway	: Metabolic Enzyme/Protease
Target	: Vitamin
Receptor	: Others
Solubility	: 10 mM in DMSO
SMILES	: <chem>O[C@@H]1C[C@@H](O)C/C(C1)=C\C=C2[C@@]3([H])CC[C@@H]([C@H](/C=C/[C@@H](C)C(C)C)C)[C@]3(C)CCC2=C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Attia S, et al. Clin Cancer Res. 2008 Apr 15;14(8):2437-43. 2. Wang YR, et al. Anticancer Res. 2005 Nov-Dec;25(6B):4333-9. 3. Gee J, et al. Prostate. 2013 Jun;73(9):970-8.