

Calcitriol Biochemical

Calcitriol

CATALOG #
AAA201921

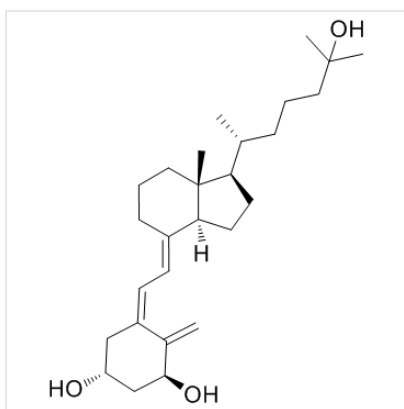
PRODUCT SYNONYMS

Calcitriol; 1alpha; 25-dihydroxy Vitamin D3; Calcitriol biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	>98% (HPLC)
Suitability	DMSO: 83mg/mL (199.21mM) Ethanol: 83mg/mL (199.21mM) Water: <1mg/mL (<1mM)
Target	Vitamin
Receptor	vitamin D receptor
Chemical Name	1alpha, 25-Dihydroxyvitamin D3
SMILES	<chem>O[C@H](C/C1=C/C=C2C3CC[C@@H]([C@]3(CCC/2)C)[C@H](C)CCCC(C)(O)C)[C@@H](O)C1=C</chem>
Molecular Formula	C27H44O3
CAS Number	32222-06-3
Preparation and Storage	Store at -20°C

IMAGES



Structure

NMR Consistent with structure

ADDITIONAL INFORMATION

Related Product Information for Calcitriol biochemical	Calcitriol is the hormonally active form of vitamin D.
Product Categories/Family for Calcitriol biochemical	Metabolic Enzyme/Protease ; Metabolic Disease

References

1.Rigby WF, et al. J Clin Invest, 1984, 74 (4), 1451-1455.

NCBI AND UNIPROT INFORMATION

Molecular Weight

416.64

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/calcitriol/201921>