

Calcifediol Biochemical

Calcifediol

CATALOG #
AAA201915

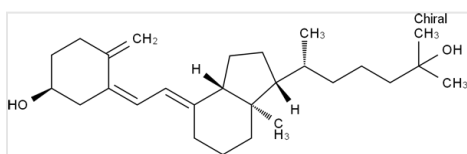
PRODUCT SYNONYMS

Calcifediol; 25-Hydroxyvitamin D3; 25-Hydroxycholecalciferol; Calcifediol biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	>98% (HPLC)
Suitability	10mM in DMSO
Target	Vitamin
Receptor	Others
NMR	Consistent with structure
Pathway	Metabolic Enzyme/Protease
Chemical Name	1H-Indene-1-pentanol, 4-[(2Z)-2-[(5S)-5-hydroxy-2-methylenecyclohexylidene]ethylidene]octahydro-alpha, alpha, epsilon, 7a-tetramethyl-, hydrate(1:1), (epsilonR, 1R, 3aS, 4E, 7aR)
SMILES	<chem>[H][C@]([C@]1(C)CCC/2)(CC[C@]1([H])[C@H](C)CCCC(C)(O)C)C2=CC=C3C[C@@H](O)CCC3=C</chem>
Molecular Formula	C27H44O2
CAS Number	19356-17-3
Preparation and Storage	Store at -20°C.

IMAGES



Structure

ADDITIONAL INFORMATION

Related Product Information for Calcifediol biochemical	The major circulating metabolite of vitamin D3; it is produced in the liver and is the best indicator of the body's vitamin D stores; it is effective in the treatment of RICKETS and OSTEOMALACIA, both in azotemic and non-azotemic patients; also has mineralizing properties. Osteoporosis Approved
Product Categories/Family for Calcifediol biochemical	Osteoporosis ; Metabolic Enzyme/Protease ; Metabolic Disease

NCBI AND UNIPROT INFORMATION

Molecular Weight	400.64
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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/calcifediol/201915>