

Product Name	: Calcifediol
Synonyms	: 25-Hydroxyvitamin D3;25-Hydroxycholecalciferol
Cat No.	: M13032
CAS Number	: 19356-17-3
Molecular Formula	: C ₂₇ H ₄₄ O ₂
Formula Weight	: 400.64
Chemical Name	: 1H-Indene-1-pentanol, 4-[(2Z)-2-[(5S)-5-hydroxy-2-methylenecyclohexylidene]ethylidene]octahydro- $\alpha,\alpha,\epsilon,7a$ -tetramethyl-, hydrate (1:1), (ϵ R,1R,3aS,4E,7aR)-
Description	: 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
Pathway	: Metabolic Enzyme/Protease
Target	: Vitamin
Receptor	: Others
Solubility	: 10 mM in DMSO
SMILES	: <chem>[H][C@]([C@]1(C)CCC(2)C(C)[C@]1([H])[C@H](C)CCCC(C)(O)C)C2=C\C=C3C[C@@H](O)CCC\3=C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

