

Product Name	: Calcifediol monohydrate
Synonyms	: 25-Hydroxyvitamin D3;25-Hydroxycholecalciferol
Cat No.	: M15391
CAS Number	: 63283-36-3
Molecular Formula	: C ₂₇ H ₄₆ O ₃
Formula Weight	: 418.65
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	: Vitamin
Solubility	: 10 mM in DMSO
SMILES	: <chem>C=C(CC1)C(C[C@H]1O)=C\C=C2[C@@]3([H])[C@@](CCC2)(C)[C@@H]([C@H](C)CCCC(C)(C)O)CC3.[H]O[H]</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

