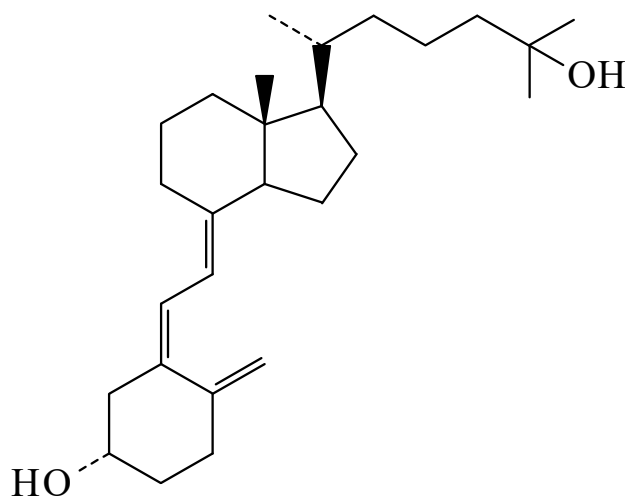




>>Entry Name: 9,10-Secocholesta-5,7,10(19)-triene-3,25-diol



CAS Registry Number: 19356-17-3

Related CAS Registry Numbers(s): 33433-07-7 51013-97-9 59708-38-2 63283-36-3 66035-80-1 71595-10-3 73809-05-9 73809-14-0 73851-67-9 78782-98-6 80778-40-1 81126-16-1 84368-98-9 96700-65-1 99447-30-0 103498-85-7 111399-04-3 111399-05-4

Molecular Formula: C₂₇H₄₄O₂

Molecular Weight: 400.643

Accurate Mass: 400.33413

Percentage Composition: C 80.94%; H 11.07%; O 7.99%

Physical Description: Oil

Sigma: H4014

>>**Variant:** (3*S*,5*Z*,7*E*)-form

Synonym(s): 25-Hydroxyvitamin D₃. 25-Hydroxycholecalciferol. **Calcifediol**, INN, USAN. Calcidiol. Calderol. Dedrogyl. Delakmin. Diaverene. Didrogyl. Hidroferol. U 32070

CAS Registry Number: 36149-00-5

Molecular Formula: C₂₇H₄₄O₂

Molecular Weight: 400.643

Accurate Mass: 400.33413

Percentage Composition: C 80.94%; H 11.07%; O 7.99%

Biological Source: Vitamin D₃ metabolite, constit. of bone, liver and blood of mammals

Use/Importance: Calcium regulator, marker of exposure to uv radiation

Physical Description: Oil

Calculated Log P Data: Log P 7.27 (uncertain value) (calc)

Other Data: Deuterated and tritiated compds. have been synthesised

References:

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