

25-OH-D3

Cat. No. 25-OH-D3-001 Lot. No. (See product label)

SPECIFICATION

Product Overview

Source	synthetic
Description	25-Hydroxyvitamin D3 is the major circulating form of vitamin D. Melting Point: 105° C Density: ~1.01 g/cm³ (Predicted) Refractive Index: n_{20D} ~1.54 (Predicted) CAS Number: 19356-17-3 Molecular Formula: C₂₇H₄₄O₂ Solubility: Soluble in alcohol, acetone chloroform, ether, fixed oils, DMSO (~10 mg/ml), DMF (~10 mg/ml), 1:2 ethanol:PBS(pH7.2) (~0.3 mg/ml), chloroform, and methanol. Insoluble in water. SMILES: <chem>C[C@H](CCCC(C)C)[C@H]1CC[C@@H]2[C@@]1(CC[C@H]3[C@H]2CC=C4[C@@]3(CC[C@@H](C4)O)C</chem>
Form	Solid
Molecular Mass	Molecular Weight: 400.65
Purity	≥97%
Applications	A major circulating metabolite of vitamin D3
Notes	This is classified as a Dangerous Good for transport and may be subject to additional

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shipping charges.

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