

25-OH-D3

25-OH-D3-001

Lot. No. (See product label)

## Specification

25-Hydroxyvitamin D3 is the major circulating form of vitamin D.

Melting Point: 105° C

Density: ~1.01 g/cm<sup>3</sup> (Predicted)

Refractive Index: n<sub>20D</sub> ~1.54 (Predicted)

CAS Number: 19356-17-3

## Description

Molecular Formula: C<sub>27</sub>H<sub>44</sub>O<sub>2</sub>

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:

C[C@H](CCCC(C)C)[C@H]1CC[C@@H]2[C@@]1(CC/C2=C/C=C/3C[C@H](CCC3=C)O)C

## Source

synthetic

## 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 shipping charges.

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