

1. Identification

Catalogue Number

C125700

Lot Number

1-NJL-16-1

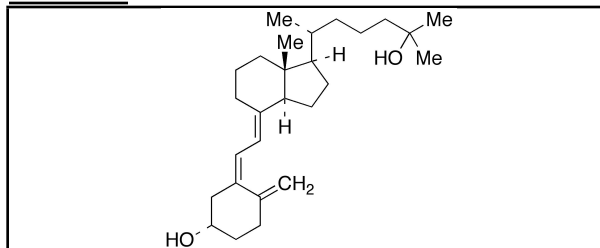
Product Name

Calcifediol

Synonyms

(3 β ,5Z,7E)-9,10-Secosteroid-5,7,10(19)-triene-3,25-diol; 25-Hydroxycholecalciferol; 25-Hydroxyvitamin D; 25-Hydroxyvitamin D3; Calcidiol; Didrogyl; Hidroferol; Ro 8-8892;

Structure



CAS Number

19356-17-3

Solubility

Chloroform (Slightly), Ethyl Acetate (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped With Blue Ice

Molecular Formula

C₂₇H₄₄O₂

Source of Product

N/A

Long Term Storage Conditions

-20°C, Inert atmosphere, Light sensitive

Molecular Weight

400.64

Purity

>95%

2. Warnings

Light Sensitive, Temperature Sensitive

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.57% (265 nm)

MS

Conforms to Structure

Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by



Meenakshi Sharma

Product Quality Specialist

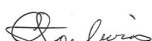
Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Christina Gouliaras

Quality Assurance Associate

Test Date

11/23/2023

Retest Date

11/21/2027