

1. Identification

Catalogue Number

D296860

Lot Number

17-ZCA-145-1

Product Name

Desmosterol

Synonyms

(3 β)-Cholesta-5,24-dien-3-ol; Cholesta-5,24-dien-3 β -ol; 24,25-Dehydrocholesterol; 24-Dehydrocholesterol; NSC 226126;

CAS Number

313-04-2

Solubility

Chloroform (Slightly), Methanol (Slightly)

Molecular Formula

C₂₇H₄₄O

Source of Product

Synthetic

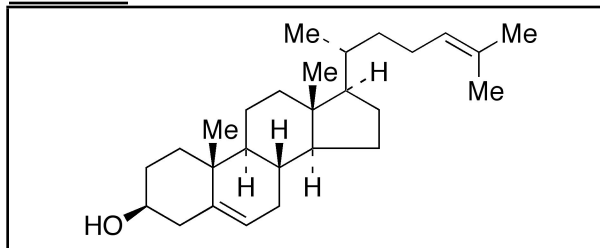
Molecular Weight

384.64

Purity

>95%

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Long Term Storage Conditions

4°C

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

98.81% (200 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



Farnaz Mahmoudi

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Chanell Chu

Quality Assurance Associate

Test Date

3/25/2025

Retest Date

3/23/2032