



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

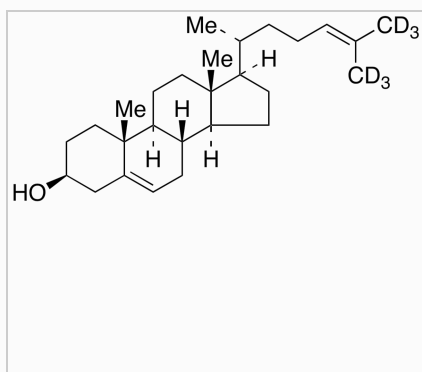
Catalogue Number: D296862

CAS Number: 1246298-67-8

Product: Desmosterol-d6

Synonym: (3 β)-Cholesta-5,24-dien-3-ol-d6; Cholesta-5,24-dien-3 β -ol-d6; 24,25-Dehydrocholesterol-d6; 24-Dehydrocholesterol-d6; NSC 226126-d6;

Structure:



Molecular Formula:

C₂₇H₃₈D₆O

Molecular weight:

390.67

Source of Product:

Synthetic

Solubility:

Chloroform (Soluble),
Methanol (Slightly)

Lot Number: 25-MJC-10-1

Purity: 95%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
HPLC Purity	Report Result	95.65% (205 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.7%
Appearance	White to Light Beige Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms

Additional Information:

Normalized Intensity: d0 = 0.17%, d1 = 0.11%, d2 = 0.40%, d3 = 0.02%, d4 = 1.46%, d5 = 1.52%, d6 = 96.30%

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

Nicole Yip

Reviewed By

Toni Rantanen

C of A Approved By

Christina Gouliaras

Test Date

2/24/2023

Retest Date

2/22/2030