



CERTIFICATE OF ANALYSIS

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1. Identification

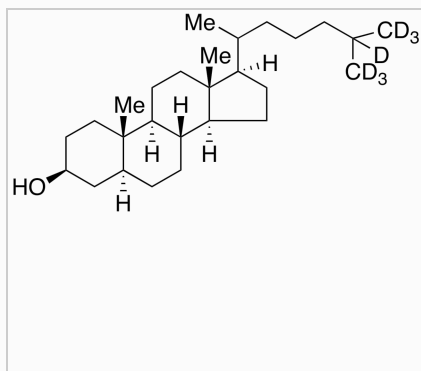
Catalogue Number: C431712

CAS Number: 84061-69-8

Product: 5a-Cholestan-3b-ol-d7

Synonym: (3 β ,5 α)-Cholestan-25,26,26,26,27,27,27-d7-3-ol; (3 β ,5 α)-Cholestan-3-ol-d7; 3 β -Hydroxy-5 α -cholestane-d7; 3 β -Hydroxycholestane-d7; 5 α (H)-Cholestan-3 β -ol-d7; 5 α -Cholestanol-d7; 5 α -Dihydrocholesterol-d7; Cholestan-3 β -ol-d7; Cholestanol-d7; Dihydrocholesterin-d7; Dihydrocholesterol-d7; Dihydrolathosterol-d7; Lathostanol-d7; NSC 18188-d7; Zymostanol-d7; β -Cholestanol-d7;

Structure:



Molecular Formula:

$C_{27}H_{41}D_7O$

Molecular weight:

395.71

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), Ethyl Acetate (Slightly)

Lot Number: 4-NWW-26-1

Purity: 97%

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:
Appearance	White Solid	White Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	96.30% (ELSD)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.1%

Additional Information:

Normalized Intensity: d0 = 0.39%, d1 = 0.59%, d2 = 0.13%, d3 = 0.54%, d4 = 0.13%, d5 = 1.95%, d6 = 0.16%, d7 = 96.12%

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



Reviewed By

Toni Rantanen



**C of A Approved
By**

Christina Gouliaras



Test Date

8/18/2023

Retest Date

8/16/2027