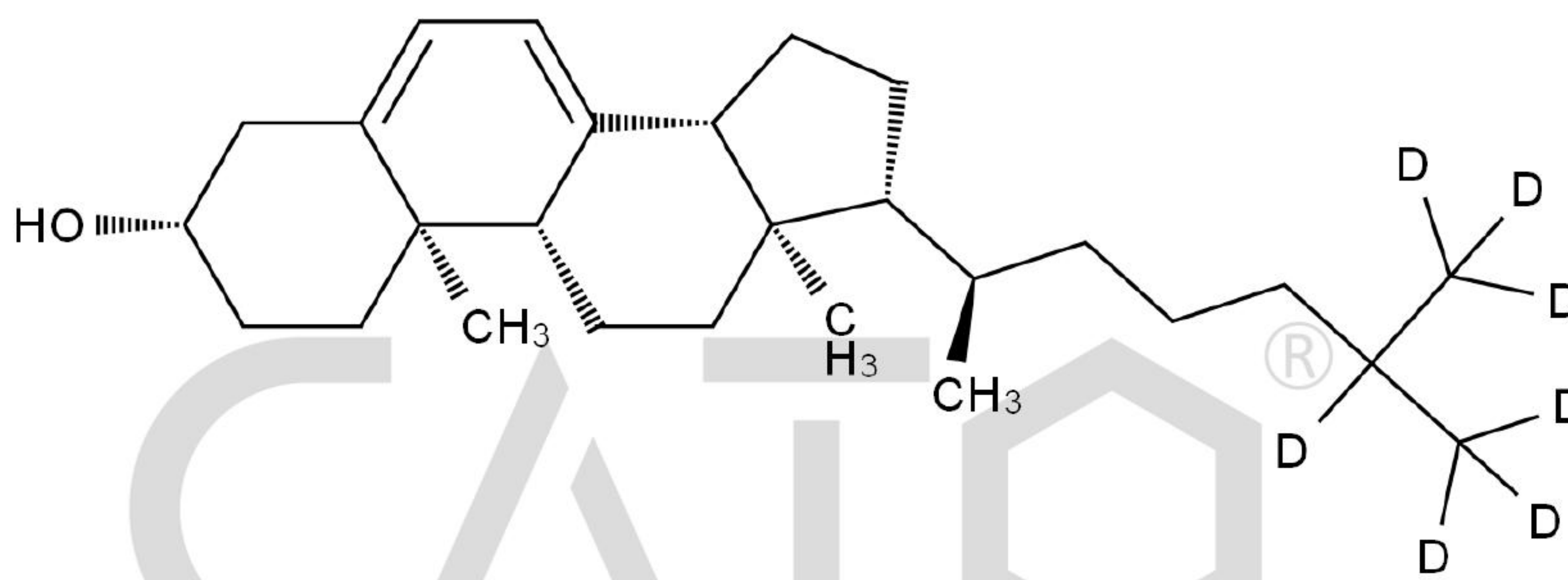


Certificate of Analysis

Reference Material & Standard

Product Name:	(3 β)-7-Dehydro Cholesterol-d7	Catalogue Number:	CCAD303303
Synonyms:	N/A	Lot Number:	0116-RF-0008
CAS Number:	388622-58-0	Expiry Date:	Oct 10, 2026
Molecular Formula:	C ₂₇ H ₃₇ D ₇ O	Storage:	-20°C $\pm$ 5°C Protected from light and Sealed
Molecular Weight:	391.68		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	ELSD	99.7%
Isotopic Purity		96.2%
Uncertainty		$\pm$ 2.0%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Jan 16, 2024

Date: Jan 17, 2024

Date: Jan 17, 2024

