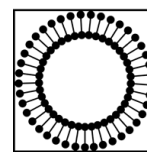
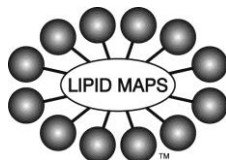


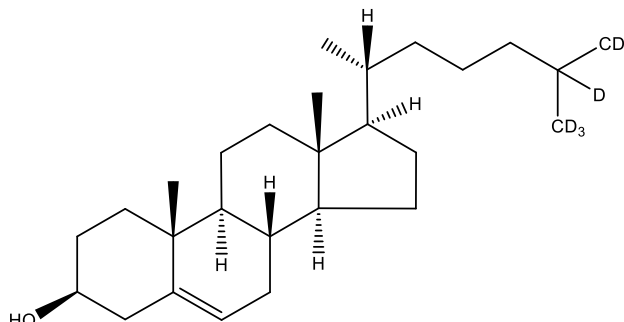
Cholesterol(d7)

cholest-5-en-3β-ol(d7)

LIPIDMAPS™ Compound ID: LMST01010093

**Avanti®**
POLAR LIPIDS, INC.

Molecular Weight: 393.697
 Exact Mass: 393.399
 Molecular Formula: C₂₇H₃₉D₇O
 Storage: -20° C (Freezer)
 Manufacture Date: June 10, 2019
 Expiration Date: One year from date of receipt
 Physical Form: Methanol Solution (1ml per vial)
 Concentration: 513.59 µg/ml (1304.53 µM)
 Lot Number: LM4100-LM17-057A
 MLOT: 6440WAA057

**Certificate of Analysis**

Test	Limits	Result
Mass Spec	Consistent with Structure, [M+NH ₄] ⁺ = 411.6 ± 1amu	Pass
Quantitative LC/MS	Run and Report	513.59 µg/ml 1304.53 µM
HPLC/ELSD	NLT 99% Purity (AUC)	100% AUC
Proton NMR	Consistent with Structure	Pass
TLC Analysis (Mobile Phase 7:3 Hexane:Ethyl Acetate)	R _f consistent with structure, NLT 99% Purity	Pass
Ninhydrin	Negative	Negative
Iodine	One Major Spot	One Spot
Phosphorus	Negative	Negative
Char	Positive	Positive
Wet Dip	One Major Spot	One Spot

Approved by: *Melissa Liles*

For Research Use Only. Not For Human Use.

Avanti Polar Lipids, Inc. 700 Industrial Park Drive, Alabaster, AL 35007-9105, USA

• (800) 227-0651 • (205) 663-2494 • Fax (800) 229-1004 • (205) 663-0756

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