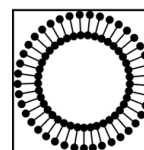
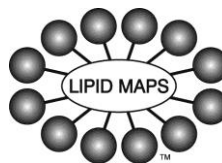


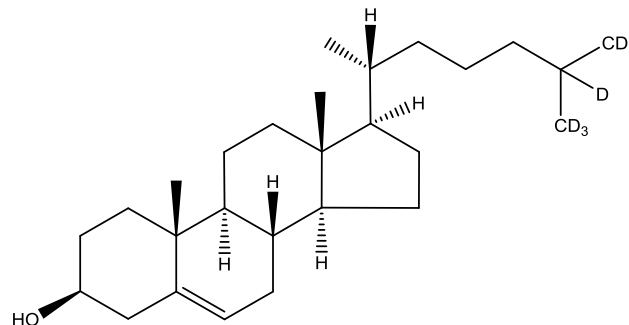
Cholesterol(d7)

cholest-5-en-3β-ol(d7)

LIPIDMAPS™ Compound ID: LMST01010093

**Avanti®**
POLAR LIPIDS, INC.

Molecular Weight: 393.70
 Exact Mass: 393.40
 Molecular Formula: C₂₇H₃₉D₇O
 Storage: -20° C (Freezer)
 Manufacture Date: October 12, 2016
 Expiration Date: One year from date of receipt
 Physical Form: Methanol Solution (1ml per vial)
 Concentration: 526.01 µg/ml (1336.06 µM)
 Lot Number: LM4100-LM17-016A
 MLOT: 6440WAA016

**Certificate of Analysis**

Test	Limits	Result
Mass Spec	Consistent with Structure, [M+NH ₄] ⁺ = 411.6±1amu	Pass
Quantitative LC/MS	Run and Report	526.01 µg/ml 1336.06 µM
HPLC/ELSD	NLT 99% Purity (AUC)	99.6% 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:

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

• E-mail Orders: orders@avantilipids.com • E-mail Inquiries: info@avantilipids.com• E-mail Technical Questions: technical@avantilipids.com • Visit www.avantilipids.com