

15:0 cholesteryl-d7 ester
 cholesteryl-d7 pentadecanoate
700144P-10mg

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Molecular Weight 618.095
Chemical Formula C₄₂H₆₇D₇O₂
Physical State Powder
Storage -20 °C
Expiration Date One year from date of receipt
M Lot Number 5209PIA010
Avanti Lot Number 700144P-10MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (8:2 Hexane: Ethyl acetate)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% (AUC)	99% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 636.095 ± 1 amu	[M+NH ₄] ⁺ = 635.9 amu

Approved by:

