

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 5209PIA012
Avanti Lot Number 700144P-10MG-A-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (95:5 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)	99.7% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 636.095 ± 1 amu	[M+NH ₄] ⁺ = 636.1 amu

Approved By:



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