

16:1 cholesteryl-d7 ester

cholesteryl-d7 palmitoleate

700221L-1mg

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Molecular Weight	630.09
Chemical Formula	C ₄₃ H ₆₇ D ₇ O ₂
Physical State	Dichloromethane: Methanol
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6775LGA010
Avanti Lot Number	700221L-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	DCM: Methanol: Clear solution which contains no foreign matter	Pass
TLC (9:1 Hexane: Ethyl Acetate)	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 648.09 ± 1 amu	[M+NH ₄] ⁺ = 647.9 amu

Approved By:



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