

14:1 cholesteryl-d7 ester

cholesteryl-d7 myristoleate

700220L-1mg

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Molecular Weight	602.04
Chemical Formula	C ₄₁ H ₆₃ D ₇ O ₂
Physical State	1:1 Dichloromethane: Methanol
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6774LGA010
Avanti Lot Number	700220L-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	DCM: MeOH: Clear solution with no foreign matter	Pass
TLC (95:5 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] ⁺ = 620.04 ± 1 amu	[M+NH ₄] ⁺ = 619.9 amu

Approved By:



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