

18:2 cholesteryl-d7 ester

cholesteryl-d7 linoleate

700393L-10mg

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Molecular Weight	656.14
Chemical Formula	C ₄₅ H ₆₉ D ₇ O ₂
Physical State	Solution in Dichloromethane : Methanol (1:1)
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	7284LIA010
Avanti Lot Number	700393L-10MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	DCM:MeOH: Clear solution with no foreign matter	Pass
TLC (70:30 Hexane: Toluene)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
UV Oxidation	NMT 5% total all wavelengths	0.15% total all wavelengths
Mass Spectroscopy	[M+NH ₄] ⁺ = 674.14 ± 1 amu	[M+NH ₄] ⁺ = 673.66 amu

Approved by:

