

18:1 Chol ester

cholesteryl oleate

700269C-1mg

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Molecular Weight	651.10
Chemical Formula	C ₄₅ H ₇₈ O ₂
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6752CGA014
Avanti Lot Number	700269C-1MG-A-014

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: 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	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
FAME (GC/FID)	NLT 99% (AUC)	100% (AUC)
Mass Spectroscopy	[M+NH ₄] ⁺ = 669.10 ± 1 amu	[M+NH ₄] ⁺ = 669.0 amu

Approved By:



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