

20:3 cholesteryl-d7 ester
 cholesteryl-d7 eicosa-11,14,17-trienoate
 700223L-1mg

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Molecular Weight 682.16
Chemical Formula C₄₇H₇₁D₇O₂
Physical State Dichloromethane: Methanol
Storage -20°C
Expiration Date Three months from date of receipt
M Lot Number 6777LGA010
Avanti Lot Number 700223L-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	DCM: Methanol: Clear solution with 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] ⁺ = 700.16 ± 1 amu	[M+NH ₄] ⁺ = 699.9 amu

Approved By:



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