

22:4 cholesteryl-d7 ester

cholesteryl-d7 docosa-7,10,13,16-tetraenoate

700226L-1mg

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Molecular Weight	708.20
Chemical Formula	C ₄₉ H ₇₃ D ₇ O ₂
Physical State	Dichloromethane: Methanol
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	6778LGB010
Avanti Lot Number	700226L-1MG-B-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	>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
Mass Spectroscopy	[M+NH ₄] ⁺ = 726.2 ± 1 amu	[M+NH ₄] ⁺ = 725.9 amu

Approved By:



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