

**18:1 cholesteryl-d7 ester**

Cholesteryl-d7 oleate

**700222L-1mg**

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<b>Molecular Weight</b>	658.14
<b>Chemical Formula</b>	C <sub>45</sub> H <sub>71</sub> D <sub>7</sub> O <sub>2</sub>
<b>Physical State</b>	Dichloromethane: Methanol
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6776LGA010
<b>Avanti Lot Number</b>	700222L-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>DCM: Methanol:</b> Clear solution which contains 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 <sub>4</sub> ] <sup>+</sup> = 676.14 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 675.9 amu

Approved By:



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