

**22:4 cholesteryl-d7 ester**

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

**700226L-1mg**

Page 1 of 1

<b>Molecular Weight</b>	708.20
<b>Chemical Formula</b>	C <sub>49</sub> H <sub>73</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>	6778LGA010
<b>Avanti Lot Number</b>	700226L-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>DCM: Methanol:</b> 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 <sub>4</sub> ] <sup>+</sup> = 726.2 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 725.9 amu

Approved By:



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