

**15:0 cholesteryl-d7 ester**  
 cholesteryl-d7 pentadecanoate  
**700144P-10mg**

Page 1 of 1

**Molecular Weight** 618.095  
**Chemical Formula** C<sub>42</sub>H<sub>67</sub>D<sub>7</sub>O<sub>2</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5209PIB010  
**Avanti Lot Number** 700144P-10MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC (8:2 Hexane: Ethyl acetate)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% (AUC)	99% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH <sub>4</sub> ] <sup>+</sup> = 636.095 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 635.9 amu

Approved by:

