

18:1 Chol (D7) ester

 25,26,26,26,27,27,27-heptadeuteriocholest-5-en-3 β -ol (9Z-octadecenoate)

700185M-1mg
Page 1 of 1

Molecular Weight	658.143
Chemical Formula	C ₄₅ H ₇₁ D ₇ O ₂
Physical State	Methylene Chloride
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5227MGA015
Avanti Lot Number	700185M-1MG-A-015

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Methylene chloride: Clear solution with no foreign matter.	Pass
TLC (95:5 Hexane: Ethyl acetate)	>99% Purity Ninhydrin: 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] ⁺ = 676.143 \pm 1 amu	[M+NH ₄] ⁺ = 675.8 amu

Approved by:

