

5 α ,6 β -dihydroxycholestanol-d7cholestane-3 β ,5 α ,6 β -triol-d7**700055P-1MG****Page 1 of 1**

Molecular Weight 427.711
Chemical Formula C₂₇H₄₁D₇O₃
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5137PGE011
Avanti Lot Number 700055P-1MG-E-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter.	Pass
TLC (9:1 Chloroform: Methanol)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% (AUC)	99.3% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 445.711 $\pm$ 1 amu	[M+NH ₄] ⁺ = 445.9 amu

Approved By:



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