

5 β ,6 β -epoxycholestanol-d7

 cholestanol, 5 β ,6 β -epoxy-d7

700014P-1mg

Page 1 of 1

Molecular Weight	409.696
Chemical Formula	C ₂₇ H ₃₉ O ₂ D ₇
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5101PGC014
Avanti Lot Number	700014P-1MG-C-014

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (6:4 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)	99.0% (AUC)
Proton NMR	NMR spectrum consistent with reference structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 427.696 ± 1 amu	[M+NH ₄] ⁺ = 427.5 amu

Approved By:



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