

24(R/S)-hydroxycholesterol-d7

 cholest-5-ene-3 β ,24(R/S)-diol-d7

700018P-1mg

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Molecular Weight	409.696
Chemical Formula	C ₂₇ H ₃₉ D ₇ O ₂
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5105PGA011
Avanti Lot Number	700018P-1MG-A-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (2:1 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)	100% (AUC)
Proton NMR	NMR spectrum consistent with reference structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 427.696 ± 1 amu	[M+NH ₄] ⁺ = 427.4 amu

Approved By:



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