

7-ketocholesterol-d7

3 β -hydroxy-5-cholestene-7-one-d7

700046P-1MG

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Molecular Weight	407.68
Chemical Formula	C ₂₇ H ₃₇ O ₂ D ₇
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5130PGH012
Avanti Lot Number	700046P-1MG-H-012

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+H] ⁺ = 408.680 \pm 1 amu	[M+H] ⁺ = 408.60 amu

Approved By:



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