

7 α -hydroxycholestenone-d7

 7 α -hydroxy-4-cholesten-3-one-d7

700112P-1mg

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Molecular Weight	407.68
Chemical Formula	C ₂₇ H ₃₇ D ₇ O ₂
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5181PGA011
Avanti Lot Number	700112P-1MG-A-011

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (1:1 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 structure	consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 425.680 ± 1 amu	[M+NH ₄] ⁺ = 425.5 amu

Approved By:

