

6 α -hydroxy-5 α -cholestanol-d7

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700045P-10mg

Page 1 of 1

Molecular Weight	411.712
Chemical Formula	C ₂₇ H ₄₁ O ₂ D ₇
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5129PIA012
Avanti Lot Number	700045P-10MG-A-012

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
Proton NMR	NMR spectrum consistent with structure	consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 429.712 \pm 1 amu	[M+NH ₄] ⁺ = 429.8 amu

Approved by:

