

22(R)-hydroxycholesterol-d7

 cholest-5-ene-3 β ,22(R)-diol-d7

700052P-1mg

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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	5134PGA010
Avanti Lot Number	700052P-1MG-A-010

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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 427.698 ± 1 amu	[M+NH ₄] ⁺ = 427.7 amu

Approved by:

