

cholestenoic acid-d5

3β-hydroxy-5-cholestenoic acid-d5

700151P-1mg

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Molecular Weight	421.667
Chemical Formula	C ₂₇ H ₃₉ D ₅ O ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5214PGB010
Avanti Lot Number	700151P-1MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (95:5 Chloroform: Methanol)	>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-H] ⁻ = 420.667 ± 1 amu	[M-H] ⁻ = 420.4 amu

Approved by:

