

3 β ,7 α -dihydroxy-5-cholestenoic acid
 (25R)-cholest-5-en-26-oic acid, 3 β ,7 α -hydroxy
 700028P-1mg

Page 1 of 1

Molecular Weight 432.636
Chemical Formula C₂₇H₄₄O₄
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5114PGF011
Avanti Lot Number 700028P-1MG-F-011

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
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-H] ⁻ = 431.636 ± 1 amu	[M-H] ⁻ = 431.5 amu

Approved By: *Anderson Thomas*

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