

3 β ,7 α -dihydroxy-5-cholestenoic acid

(25R)-cholest-5-en-26-oic acid, 3 β ,7 α -hydroxy

700028P-1mg

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Molecular Weight	432.636
Chemical Formula	C ₂₇ H ₄₄ O ₄
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5114PGB011
Avanti Lot Number	700028P-1MG-B-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 \pm 1 amu	[M-H] ⁻ = 431.50 amu

Approved by:

