

3 β -hydroxy-5-cholestenoic acid

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

700082P-1mg

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Molecular Weight	416.636
Chemical Formula	C ₂₇ H ₄₄ O ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5164PGC012
Avanti Lot Number	700082P-1MG-C-012

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] ⁻ = 415.636 $\pm$ 1 amu	[M-H] ⁻ = 415.3 amu

Approved By:

Meredith Bayood

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