

trihydroxycholestanoic acid

3 α ,7 α ,12 α -trihydroxycholestanoic acid

700070P-1mg

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Molecular Weight	450.651
Chemical Formula	C ₂₇ H ₄₆ O ₅
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5152PGC010
Avanti Lot Number	700070P-1MG-C-010

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] ⁻ = 449.651 $\pm$ 1 amu	[M-H] ⁻ = 449.1 amu

Approved by:

