

7-keto-27-hydroxycholesterol

3 β ,27-dihydroxy-5-cholesten-7-one

700022P-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	5108PGA012
Avanti Lot Number	700022P-1MG-A-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter.	Pass
TLC (1:2 Hexane:Ethyl Acetate)	>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%
Proton NMR	NMR spectrum consistent with structure	consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 434.636 ± 1 amu	[M+NH ₄] ⁺ = 434.80 amu

Approved by:

