

27-hydroxy cholestenone

27-hydroxy-4-cholesten-3-one

700084P-1mg

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Molecular Weight 400.637
Chemical Formula C₂₇H₄₄O₂
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5166PGC010
Avanti Lot Number 700084P-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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 401.637 ± 1 amu	[M+H] ⁺ = 401.7 amu

Approved by: *Anderson Thomas*

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