

3-oxo-4-cholestenoic acid
 (25R)-cholest-4-en-26-oic acid, 3-oxo

700083P-1mg

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Molecular Weight 414.621
Chemical Formula C₂₇H₄₂O₃
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5165PGB020
Avanti Lot Number 700083P-1MG-B-020

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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 415.621 ± 1 amu	[M+H] ⁺ = 415.8 amu

Approved by:

