

7β,25-dihydroxycholesterol

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700081P-1mg

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Molecular Weight	418.652
Chemical Formula	C ₂₇ H ₄₆ O ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5163PGB011
Avanti Lot Number	700081P-1MG-B-011

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)	99.8% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-2H ₂ O+H] ⁺ = 383.652 ± 1 amu	[M-2H ₂ O+H] ⁺ = 383.7 amu

Approved by:

