

25-hydroxycholesterol-3-sulfate

25-hydroxycholesterol-3-sulfate (sodium salt)

700017P-5mg

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Molecular Weight	504.698
Chemical Formula	C ₂₇ H ₄₅ NaO ₅ S
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5104PHA022
Avanti Lot Number	700017P-5MG-A-022

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>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
HPLC-ELSD	NLT 99% (AUC)	100% AUC
Mass Spectroscopy	[M-Na] ⁺ = 481.7 ± 1 amu	[M-Na] ⁺ = 481.3 amu

Approved by:



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