

16:0 Coenzyme A

palmitoyl Coenzyme A (ammonium salt)

870716P-5mg

Molecular Weight	1056.425
Chemical Formula	C ₃₇ H ₇₅ N ₁₀ O ₁₇ P ₃ S
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6226PHF017
Avanti Lot Number	870716P-5MG-F-017

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (50:40:10 Chloroform: Methanol: Water)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-3NH ₄ +H] ²⁻ = 501.713 ± 1 amu [M-3NH ₄ +2H] ⁻ = 1004.425 ± 1 amu	[M-3NH ₄ +H] ²⁻ = 502.10 amu [M-3NH ₄ +2H] ⁻ = 1004.70 amu

Approved By:



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