

15:0 Coenzyme A

pentadecanoyl Coenzyme A (ammonium salt)

870715P-5mg

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Molecular Weight	1042.409
Chemical Formula	C ₃₆ H ₇₃ N ₁₀ O ₁₇ P ₃ S
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	6225PHA011
Lot Number	870715P-5MG-A-011

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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-3NH ₄ +H] ²⁻ = 494.705 ± 1 amu [M-3NH ₄ +2H] ⁻ = 990.409 ± 1 amu	[M-3NH ₄ +H] ²⁻ = 495.3 amu [M-3NH ₄ +2H] ⁻ = 991.0 amu

Approved by:

