

24:0 Coenzyme A
lignoceroyl Coenzyme A (ammonium salt)
870724P-5mg

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Molecular Weight 1168.55
Chemical Formula C₄₅H₉₁N₁₀O₁₇P₃S
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6234PHE013
Avanti Lot Number 870724P-5MG-E-013

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
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	$[M-3NH_4+H]^{2-} = 557.775 \pm 1$ amu $[M-3NH_4+2H]^- = 1116.550 \pm 1$ amu	$[M-3NH_4+H]^{2-} = 558.3$ amu $[M-3NH_4+2H]^- = 1117.2$ amu

Approved By:



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