

14:0 PE-d54
1,2-dimyristoyl-d54-sn-glycero-3-phosphoethanolamine
860371P-10mg

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Molecular Weight	690.186
Chemical Formula	C ₃₃ H ₁₂ NO ₈ PD ₅₄
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5897PIA015
Avanti Lot Number	860371P-10MG-A-015

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 686.186 – 692.186 ± 1 amu (multiple peaks will be observed across this range due to proton/deuterium exchange)	Pass

Approved by:

