

4ME 16:0 PE
1,2-diphtanoyl-sn-glycero-3-phosphoethanolamine
850402C-25mg

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Molecular Weight	804.172
Chemical Formula	C ₄₅ H ₉₀ NO ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5671CJA039
Avanti Lot Number	850402C-25MG-A-039

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with 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
FAME (GC/FID)	NLT 99% (AUC)	99.7% (AUC)
Mass Spectroscopy	[M+H] ⁺ = 805.172 ± 1 amu	[M+H] ⁺ = 804.8 amu

 Approved by: *Meredith Bayood*

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