

16:0-18:2 PG

1-palmitoyl-2-linoleyl-sn-glycero-3-phospho(1'-rac-glycerol) (sodium salt)

840497C-25mg

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Molecular Weight 768.973
Chemical Formula C₄₀H₇₄O₁₀PNa
Physical State Chloroform
Storage -20°C
Expiration Date Three months from date of receipt
M Lot Number 5543CJA037
Avanti Lot Number 840497C-25MG-A-037

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with no foreign matter	Pass
TLC	>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
FAME (GC/FID)	50 ± 5% 16:0 (AUC) 50 ± 5% 18:2 (AUC) NLT 99% total (AUC)	47.1% 16:0 (AUC) 52.9% 18:2 (AUC) 100% total (AUC)
Calcium (ICP/MS)	NMT 500 ppm	BLOQ
UV Oxidation	NMT 5% total all wavelengths	0.5% total all wavelengths
Mass Spectroscopy	[M-Na] ⁺ = 745.97 ± 1 amu	[M-Na] ⁺ = 745.50 amu

Approved By:



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