

18:0-22:6 PG

1-stearoyl-2-docosahexaenoyl-sn-glycero-3-phospho-(1'-rac-glycerol) (sodium salt)

840506C-25mg

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Molecular Weight	845.069
Chemical Formula	C ₄₆ H ₇₈ O ₁₀ PNa
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5549CJC022
Avanti Lot Number	840506C-25MG-C-022

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	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	50 ± 5% 18:0 (AUC) 50 ± 5% 22:6 (AUC) NLT 99% total (AUC)	46.8% 18:0 (AUC) 53.2% 22:6 (AUC) 100% total (AUC)
Calcium (ICP/MS)	NMT 500 ppm	BLOQ
UV Oxidation	NMT 5% total all wavelengths	0.62% total all wavelengths
Mass Spectroscopy	[M-Na] ⁺ = 822.1 ± 1 amu	[M-Na] ⁺ = 821.8 amu

Approved By:



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