

18:1 DBCO PE

1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-dibenzocyclooctyl (ammonium salt)

870129C-25mg

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Molecular Weight	1048.376
Chemical Formula	C ₆₀ H ₉₄ N ₃ O ₁₀ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6165CJC012
Avanti Lot Number	870129C-25MG-C-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with no foreign matter	Pass
TLC (80:20:2 Chloroform: Methanol: Water)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 18:1 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-NH ₄] ⁺ = 1030.4 ± 1 amu	[M-NH ₄] ⁺ = 1030.0 amu

Approved By: *Anderson Thomas*

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