

16:0 DBCO PE

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

870128P-25mg

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Molecular Weight	996.302
Chemical Formula	C ₅₆ H ₉₀ N ₃ O ₁₀ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6164PJF013
Avanti Lot Number	870128P-25MG-F-013

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains 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% 16:0 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-NH ₄] ⁺ = 978.3 ± 1 amu	[M-NH ₄] ⁺ = 978.7 amu

Approved By:

Meredith Baybutt

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