

18:1 (Δ^9 -Cis) PC (DOPC)

1,2-Dioleoyl-sn-glycero-3-phosphocholine

850375C-1g

Page 1 of 1

Molecular Weight 786.113
Chemical Formula C₄₄H₈₄NO₈P
Physical State Chloroform
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5662CQC340
Avanti Lot Number 850375C-1G-C-340

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)	NLT 99% 18:1 (AUC)	99.6% (AUC)
Mass Spectroscopy	[M+H] ⁺ = 787.113 ± 1 amu	[M+H] ⁺ = 786.8 amu

Approved By: *Andriana Thomas*

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