

18:1 (Δ9-Cis) PE (DOPE)

1,2-dioleoyl-sn-glycero-3-phosphoethanolamine

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Molecular Weight 744.034
Chemical Formula C₄₁H₇₈NO₈P
Physical State Chloroform
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5736CNE445
Avanti Lot Number 850725C-200MG-E-445

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 745.034 ± 1 amu	[M+H] ⁺ = 744.8 amu
FAME (GC/FID)	NLT 99% (AUC)	99.7% (AUC)

Approved By:



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