

18:1 (Δ9-Cis) PE (DOPE)

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

850725P-CONF

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Molecular Weight	744.034
Chemical Formula	C ₄₁ H ₇₈ NO ₈ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5736PWA444
Avanti Lot Number	850725P-CONF-A-444

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid 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	>99% Purity Ninhydrin spray: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 745.034 ± 1 amu	[M+H] ⁺ = 744.6 amu
FAME (GC/FID)	NLT 99% (AUC)	99.5% (AUC)

Approved By: *Anderson Thomas*

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