

18:1 (Δ9-Cis) PE (DOPE)

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

850725P-25mg**Page 1 of 1**

Molecular Weight 744.034
Chemical Formula C₄₁H₇₈NO₈P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5736PJC445
Avanti Lot Number 850725P-25MG-C-445

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	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: *Andriana Thomas*

For Research Use Only. Not For Human Use.