

16:0-d31-18:1 PE

1-palmitoyl-d31-2-oleoyl-sn-glycero-3-phosphoethanolamine

860374P-10mg

Page 1 of 1

Molecular Weight	749.187
Chemical Formula	C ₃₉ H ₄₅ NO ₈ PD ₃₁
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5900PIB035
Avanti Lot Number	860374P-10MG-B-035

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive 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
Mass Spectroscopy	[M+H] ⁺ = 745.187 – 751.187 ± 1 amu (multiple peaks will be observed across this range due to proton/deuterium exchange)	[M+H] ⁺ = 749.1 amu

Approved By: *Anderson Thomas*

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