

16:0-d31-18:1 PI

1-palmitoyl-d31-2-oleoyl-sn-glycero-3-phosphoinositol (ammonium salt)

860042P-100ug

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Molecular Weight	885.291
Chemical Formula	C ₄₃ H ₅₃ NO ₁₃ PD ₃₁
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5863PDC011
Avanti Lot Number	860042P-100UG-C-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: negative 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-NH ₄] ⁺ = 863.29 – 869.29 ± 1 amu (Multiple peaks will be observed across this range due to proton/deuterium exchange)	[M-NH ₄] ⁺ = 866.73 amu

Approved by:



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