

C18 LPA

1-O-octadecyl-2-hydroxy-sn-glycero-3-phosphate (ammonium salt)

857228P-1mg

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Molecular Weight	441.583
Chemical Formula	C ₂₁ H ₄₈ NO ₆ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5809PGC011
Avanti Lot Number	857228P-1MG-C-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (65:35:8 Chloroform: Methanol: Water)	>99% Purity Ninhydrin: negative 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-NH ₄] ⁺ = 423.583 ± 1 amu	[M-NH ₄] ⁺ = 423.50 amu

Kristina Lee

Approved by:

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