

C16 LPA

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

857223P-1mg

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Molecular Weight	413.53
Chemical Formula	C ₁₉ H ₄₄ NO ₆ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5807PGA013
Avanti Lot Number	857223P-1MG-A-013

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
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Mass Spectroscopy	[M-NH ₄] ⁺ = 395.53 ± 1 amu	[M-NH ₄] ⁺ = 395.5 amu

Approved by: *Anderson Thomas*

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