

C16-18:1 PE

1-hexadecyl-2-(9Z-octadecenoyl)-sn-glycero-3-phosphoethanolamine

878130C-5mg

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Molecular Weight	704.013
Chemical Formula	C ₃₉ H ₇₈ NO ₇ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6281CHA013
Avanti Lot Number	878130C-5MG-A-013

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with 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] ⁺ = 705.0 ± 1 amu	[M+H] ⁺ = 704.6 amu

 Approved By: *Andriana Thomas*

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