

16:1 SM (d18:1/16:1)-d9
N-palmitoleoyl-D-erythro-sphingosylphosphorylcholine-d9
860741L-1mg
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Molecular Weight	710.07
Chemical Formula	C ₃₉ H ₆₈ D ₉ N ₂ O ₆ P
Physical State	1:1 Dichloromethane: Methanol
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6783LGA010
Avanti Lot Number	860741L-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	DCM: MeOH: Clear solution with no foreign matter	Pass
TLC (65:35:8 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin spray: 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+H] ⁺ = 711.07 ± 1 amu	[M+H] ⁺ = 710.9 amu

Approved By:



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