

16:0 azidoethyl SM (d18:1/16:0)
N-palmitoyl sphingomylin (N'-azidoethyl)
870131P-1mg

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Molecular Weight 758.08
Chemical Formula C₄₀H₈₀N₅O₆P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6719PGB010
Avanti Lot Number 870131P-1MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (65:35:8 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin: negative to slight 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] ⁺ = 759.08 ± 1 amu	[M+H] ⁺ = 759.2 amu

 Approved By: *Anderson Thomas*

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