

C12 Sphingosyl PE (d17:1/12:0)

N-lauroyl-D-erythro-sphingosyl phosphoethanolamine (C17 base)

860529P-5MG

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Molecular weight	590.815
Chemical formula	C ₃₁ H ₆₃ N ₂ O ₆ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5980PHB010
Avanti Lot Number	860529P-5MG-B-011

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (65:25:4 Chloroform: Methanol: Ammonium Hydroxide)	>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] ⁺ = 591.815 ± 1 amu	[M+H] ⁺ = 591.8 amu

Approved By:

