

16:0 3-deoxy-C1P

N-palmitoyl-3-deoxy-ceramide-1-phosphate (ammonium salt)

860594P-1mg

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Molecular Weight	618.912
Chemical Formula	C ₃₄ H ₇₁ N ₂ O ₅ P
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	6035PGA011
Avanti Lot Number	860594P-1MG-A-011

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC	>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
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-NH ₄] ⁺ = 600.912 ± 1 amu	[M-NH ₄] ⁺ = 601.0 amu

Approved by:

