

C16 Dihydroceramide-1-Phosphate (d18:0/16:0)

N-palmitoyl-D-erythro-dihydroceramide-1-phosphate (ammonium salt)

860522P-5mg

Page 1 of 1

Molecular Weight	636.927
Chemical Formula	C ₃₄ H ₇₃ N ₂ O ₆ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5974PHB010
Avanti Lot Number	860522P-5MG-B-010

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: negative Water dip: one major spot	All pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-NH ₄] ⁺ = 618.927 ± 1 amu	[M-NH ₄] ⁺ = 618.90 amu

Approved by:

