

C8 Ceramide-1-Phosphate (d17:1/8:0)

N-octanoyl-ceramide-1-phosphate (C17 base) (ammonium salt)

860652P-1mg

Page 1 of 1

Molecular Weight	508.672
Chemical Formula	C ₂₅ H ₅₃ N ₂ O ₆ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6075PGA021
Avanti Lot Number	860652P-1MG-A-021

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (65:25:4 Chloroform: Methanol: Water)	>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
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Mass Spectroscopy	[M-NH ₄ +2H] ⁺ = 492.670 ± 1 amu	[M-NH ₄ +2H] ⁺ = 492.2 amu

Approved By:



For Research Use Only. Not For Human Use.