

C24 Ceramide-1-Phosphate (d18:1/24:0)

N-lignoceroyl-ceramide-1-phosphate (ammonium salt)

860527P-1mg

Page 1 of 1

Molecular Weight	747.124
Chemical Formula	C ₄₂ H ₈₇ N ₂ O ₆ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5979PGF010
Avanti Lot Number	860527P-1MG-F-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (9:1 Chloroform: Methanol)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Mass Spectroscopy	[M-NH ₄ +2H] ⁺ = 731.124 ± 1 amu [M+H] ⁺ = 748.124 ± 1 amu	[M-NH ₄ +2H] ⁺ = 730.7 amu [M+H] ⁺ = 748.3 amu

 Approved By: *Anderson Thomas*

For Research Use Only. Not For Human Use.