

18:1-12:0 Biotin PS

1-oleoyl-2-(12-biotinyl(aminododecanoyl))-sn-glycero-3-phospho-L-serine (ammonium salt)

860560C-1mg

Page 1 of 1

Molecular Weight	964.240
Chemical Formula	C ₄₆ H ₈₆ N ₅ O ₁₂ PS
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6005CGB016
Avanti Lot Number	860560C-1MG-B-016

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Calcium (ICP/MS)	NMT 500 ppm	None detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-NH ₄] ⁺ = 946.24 ± 1 amu	[M-NH ₄] ⁺ = 945.7 amu

Approved By:



For Research Use Only. Not For Human Use.