

16:0-d31 SM**N-palmitoyl-d31-D-erythro-sphingosylphosphorylcholine****868584P-1mg****Page 1 of 1**

Molecular Weight 734.219
Chemical Formula C₃₉H₄₈N₂O₆PD₃₁
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6155PGF016
Avanti Lot Number 868584P-1MG-F-016

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
Mass Spectroscopy	[M+H] ⁺ = 730.219 – 736.219 ± 1 amu (Multiple peaks will be observed across this range due to proton/deuterium exchange)	[M+H] ⁺ = 735.3 amu

Approved By:



For Research Use Only. Not For Human Use.