

18:0 PC-d74

1,2-distearoyl-d70-sn-glycero-3-phosphocholine-1,1,2,2-d4

860366P-10mg

Page 1 of 1

Molecular weight	864.601
Chemical formula	C ₄₄ H ₁₄ NO ₈ PD ₇₄
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6503PIA012
Avanti Lot Number	860366P-10MG-A-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with reference structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 861.601 - 867.601 ± 1 amu (Multiple peaks will be observed across this range due to proton/deuterium exchange)	[M+H] ⁺ = 864.6 amu

Approved By:

