

18:0 PC-d74

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

860366P-10mg

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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	6503PIA011
Avanti Lot Number	860366P-10MG-A-011

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] ⁺ = 863.7 amu

Approved by:

