

18:0 PC-d83

1,2-distearoyl-d70-sn-glycero-3-phosphocholine-1,1,2,2-d4-N,N,N-trimethyl-d9

860368C-10mg

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Molecular Weight	873.657
Chemical Formula	C ₄₄ H ₅ NO ₈ PD ₈₃
Physical State	Chloroform
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5896CIA015
Avanti Lot Number	860368C-10MG-A-015

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Chloroform: Clear solution with no foreign matter.	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 869.657 – 875.657 ± 1 amu (Multiple peaks will be observed across this range due to proton/deuterium exchange)	[M+H] ⁺ = 872.7 amu

Approved By:

