

14:0-14:0-d27 PC

1-myristoyl-2-myristoyl-d27-sn-glycero-3-phosphocholine

860391P-10MG

Page 1 of 1

Molecular weight	705.099
Chemical formula	C ₃₆ H ₄₅ NO ₈ PD ₂₇
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5907PIA015
Avanti Lot Number	860391P-10MG-A-015

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: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 701.1 – 707.1 ± 1 amu (multiple peaks will be observed across this range due to proton/deuterium exchange)	Pass

Approved By:

