

18:1 PE pSar25

1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-polysarcosine-25 (ammonium salt)

870341P-25mg

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Molecular Weight	2777.41 (average due to polydispersity of polysarcosine)
Chemical Formula	C ₁₃₀ H ₂₃₁ N ₂₈ O ₃₅ P (representative due to polydispersity of polysarcosine)
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	7102PJA011
Avanti Lot Number	870341P-25MG-A-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (65:35:8 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Average Molecular Weight (Mw) by TOF-MS	Run and Report	2509.99
Polydispersity Index (PDI) by TOF-MS	Run and Report	1.012

Approved By:



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