

DMG-pSar25 Maleimide

1,2-dimyristoyl-sn-glycero-3-succinyl-N-polysarcosine-25-N-Maleimide

880173P-10mg

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Molecular Weight 2439.93
Chemical Formula C₁₁₃H₁₉₁N₂₇O₃₂
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 7135PIB010
Avanti Lot Number 880173P-10MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Average Molecular Weight (Mw) by TOF-MS ¹	Run and Report	2347.388 (RT = 8.0 min)
Polydispersity Index (PDI) by TOF-MS ¹	Run and Report	1.003

¹Data reported for observed 23-unit polymer; product also contains 27-unit polymer with M_w = 2634.160 (RT = 6.1 min) and PDI = 1.008.

Approved By:



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