

DMG PEG(2000) azide

1,2-dimyristoyl-rac-glycero-3-(azidopolyethylene glycol-2000)

880237P-25MG
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Molecular Weight	2520.22 (average MW due to polydispersity of PEG)
Chemical Formula	C ₁₂₁ H ₂₃₉ N ₃ O ₄₉
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	7239PJC010
Avanti Lot Number	880237P-25MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (9:1 Chloroform: Methanol)	>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
HPLC-ELSD	NLT 99% (AUC)	99.8% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Molecular Weight (MW) by TOF-MS	Run and Report	2541.661
Polydispersity Index by TOF-MS	Run and Report	1.006

Approved By:



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