

DOPE PEG(2000) Azide

1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-[azido(polyethylene glycol)-2000] (ammonium salt)

880233C-10mg

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Molecular Weight	2812.49 (average MW due to polydispersity of PEG)
Chemical Formula	C ₁₃₂ H ₂₆₀ N ₅ O ₅₄ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6692CIF010
Avanti Lot Number	880233C-10MG-F-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with no foreign matter	Pass
TLC (90:10:1 Chloroform: Methanol : Ammonium Hydroxide)	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% (AUC)	100% (AUC)
Average Molecular Weight (MW) by TOF-MS	Run and Report	2988.006
Polydispersity index by TOF-MS	Run and Report	1.003

Approved By:



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