

DOPE PEG(2000)-N-Cy5

1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-[amino(polyethylene glycol)-2000]-N-(Cyanine 5)

880153C-1mg
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Molecular Weight	3234.11 (average MW due to polydispersity of PEG)
Chemical Formula	C ₁₆₄ H ₂₉₅ N ₄ O ₅₅ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	6764CGB010
Avanti Lot Number	880153C-1MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Blue solution with no foreign matter	Pass
TLC (80:20:2 Chloroform: Methanol: Water)	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Molecular Weight (MW) by MS-TOF	Run and Report	3305.917
Polydispersity Index by MS-TOF	Run and Report	1.003


 Approved By:

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