

DOPE-PEG(2000)-HALO-TAG

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

880236C-5mg

Page 1 of 1

Molecular Weight 3081.26 (average MW due to polydispersity of PEG)
Chemical Formula C₁₄₅H₂₈₅ClN₃O₅₉P
Physical State Chloroform
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6731CHA010
Avanti Lot Number 880236C-5MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear, colorless solution which contains no foreign matter	Pass
TLC (80:20 Chloroform: Methanol)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 18:1 (AUC)	99% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Average Molecular Weight (MW) by TOF-MS	Run and Report	3011.013
Polydispersity Index by TOF-MS	Run and Report	1.004

Approved By: 

For Research Use Only. Not For Human Use.