

**DOPE-PEG(2000)-HALO-TAG**

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

**880236C-5mg**

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<b>Molecular Weight</b>	3081.26 (average MW due to polydispersity of PEG)
<b>Chemical Formula</b>	C <sub>145</sub> H <sub>285</sub> ClN <sub>3</sub> O <sub>59</sub> P
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6731CHB010
<b>Avanti Lot Number</b>	880236C-5MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> 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: *Anderson Thomas*

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