

17:0-14:1 DG-d5
1-heptadecanoyl-2-myristoleoyl-sn-glycerol(d5)
800827L-1mg
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Molecular Weight	557.91
Chemical Formula	C ₃₄ H ₅₉ D ₅ O ₅
Physical State	1:1 Dichloromethane: Methanol
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6808LGA010
Avanti Lot Number	800827L-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	DCM: MeOH: Clear, colorless solution which contains no foreign matter	Pass
TLC (95:5 Chloroform: Acetone)	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% (AUC) purity May contain up to 10% of 1,3-isomer	100% (AUC)
FAME (GC/FID)	NLT 99% combined 17:0 and 14:1 (AUC)	99% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 575.91 ± 1 amu	[M+NH ₄] ⁺ = 575.8 amu

Approved By:



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