

17:0-16:1 DG-d5
1-heptadecanoyl-2-palmitoleoyl-sn-glycerol(d5)
800826L-1mg
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Molecular Weight	585.90
Chemical Formula	C ₃₆ H ₆₃ D ₅ O ₅
Physical State	1:1 Dichloromethane: Methanol
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6809LGA010
Avanti Lot Number	800826L-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: negative 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 16:1 (AUC)	99% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Mass Spectroscopy	[M+NH ₄] ⁺ = 603.90 ± 1 amu	[M+NH ₄] ⁺ = 604.2 amu

Approved By:



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