


14:0-17:1-14:0 TG-d5
1,3-ditetradecanoyl-2-heptadec-10Z-enoyl-glycerol-d5
860908L-1mg
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Molecular Weight	768.26
Chemical Formula	C ₄₈ H ₈₅ D ₅ O ₆
Physical State	1:1 Dichloromethane: Methanol
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6767LGA010
Avanti Lot Number	860908L-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	DCM: MeOH: Clear, colorless solution with no foreign matter	All Pass
TLC (9:1 Hexane: Ethyl Acetate)	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% (AUC) sum of 14:0 FAME and 17:1 FAME	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 786.26 ± 1 amu	[M+NH ₄] ⁺ = 786.1 amu

Approved By:



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