

1,3-17:0 D5 DG
1,3 diheptadecanoyl-glycerol (d5)
800854P-1mg
Page 1 of 1

Molecular Weight	602.01
Chemical Formula	C ₃₇ H ₆₇ D ₅ O ₅
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6555PGD011
Avanti Lot Number	800854P-1MG-D-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White powder which contains no foreign matter	Pass
TLC (95:5 Chloroform: Acetone)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 620.01 ± 1 amu	[M+NH ₄] ⁺ = 620.0 amu
FAME (GC/FID)	NLT 99% (AUC)	100% (AUC)
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)

Approved By: *Melissa Liles*

For Research Use Only. Not For Human Use.