

1,3-14:0 D5 DG

1,3-ditetradecanoyl glycerol (d5)

800850P-1mg

Page 1 of 1

Molecular Weight	517.85
Chemical Formula	C ₃₁ H ₅₅ D ₅ O ₅
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6553PGA011
Avanti Lot Number	800850P-1MG-A-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>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] ⁺ = 535.85 ± 1 amu	[M+NH ₄] ⁺ = 535.8 amu
HPLC-ELSD	NLT 99% (AUC)	99.9% (AUC)

Approved By:



For Research Use Only. Not For Human Use.