

16:0 DG

1,2-dipalmitoyl-sn-glycerol

800816C-10MG

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Molecular Weight	568.911
Chemical Formula	C ₃₅ H ₆₈ O ₅
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5300CIC029
Avanti Lot Number	800816C-10MG-C-029

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with 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
HPLC-ELSD	NLT 99% (AUC)	Pass
FAME (GC/FID)	NLT 99% 16:0 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 587.0 ± 1 amu	[M+NH ₄] ⁺ = 587.0 amu

Approved By:



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