

**17:0-18:1 DG-d5**

1-heptadecanoyl-2-oleoyl-sn-glycerol(d5)

**800824L-1mg**

Page 1 of 1

<b>Molecular Weight</b>	614.02
<b>Chemical Formula</b>	C <sub>38</sub> H <sub>67</sub> D <sub>5</sub> O <sub>5</sub>
<b>Physical State</b>	1:1 Dichloromethane: Methanol
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6810LGA010
<b>Avanti Lot Number</b>	880824L-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) May contain up to 10% of 1,3-isomer	100% (AUC)
FAME (GC/FID)	NLT 99% combined 17:0 and 18:1 (AUC)	99.6% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH <sub>4</sub> ] <sup>+</sup> = 632.02 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 632.3 amu

Approved By:



For Research Use Only. Not For Human Use.