

**17:0-20:3 DG-d5**
**1-heptadecanoyl-2-eicosatrienoyl-sn-glycerol(d5)**
**800825L-1mg**
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<b>Molecular Weight</b>	638.04
<b>Chemical Formula</b>	C <sub>40</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>	Three months from date of receipt
<b>M Lot Number</b>	6811LGA010
<b>Avanti Lot Number</b>	800825L-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) purity May contain up to 10% of 1,3-isomer	99.8% (AUC)
FAME (GC/FID)	NLT 99% combined 17:0 and 20:3 (AUC)	99.1% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH <sub>4</sub> ] <sup>+</sup> = 656.04 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 656.0 amu

Approved By:



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