

**20:0-20:1-20:0 D5 TG**

1,3(d5)-dieicosanoyl-2-(11Z-eicosenoyl)-glycerol

**860905P-1mg**

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<b>Molecular Weight</b>	978.654
<b>Chemical Formula</b>	C <sub>63</sub> H <sub>115</sub> D <sub>5</sub> O <sub>6</sub>
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6149PGB010
<b>Avanti Lot Number</b>	860905P-1MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (85:15:5 Toluene:Chloroform:Methanol)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH <sub>4</sub> ] <sup>+</sup> = 996.654 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 996.7 amu

Approved by:

