

**16:0-18:0-16:0 D5 TG**
**1,3(d5)-dihexadecanoyl-2-octadecanoyl-glycerol**
**860902P-1mg**
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<b>Molecular Weight</b>	840.404
<b>Chemical Formula</b>	C <sub>53</sub> H <sub>97</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>	6146PGE010
<b>Avanti Lot Number</b>	860902P-1MG-E-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: negative 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> = 858.404 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 858.4 amu

 Approved by: *Meredith Bayroot*

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