

**16:0-18:0-16:0 D5 TG****1,3(d5)-dihexadecanoyl-2-octadecanoyl-glycerol****860902P-1mg****Page 1 of 1**

**Molecular Weight** 840.404  
**Chemical Formula** C<sub>53</sub>H<sub>97</sub>D<sub>5</sub>O<sub>6</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6146PGF010  
**Avanti Lot Number** 860902P-1MG-F-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: *Anderson Thomas*

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