

1,3-18:1 D5 DG
1,3-di-(9z-octadecenoyl)-2-hydroxy-sn-glycerol-d5
800856C-1mg

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Molecular Weight	626.03
Chemical Formula	C ₃₉ H ₆₇ D ₅ O ₅
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6557CGD013
Avanti Lot Number	800856C-1MG-D-013

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: 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)	100% (AUC)
Mass Spectroscopy	[M+NH ₄] ⁺ = 644.03 ± 1 amu	[M+NH ₄] ⁺ = 644.0 amu

 Approved By: *Anderson Thomas*

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