

oleic acid-d9

(15,15,16,16,17,17,18,18,18-d9)oleic acid

861809O-10mg

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Molecular Weight	291.517
Chemical Formula	C ₁₈ H ₂₅ D ₉ O ₂
Physical State	Neat Oil
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6151OIC010
Avanti Lot Number	861809O-10MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Oil: Neat oil with no foreign matter	Pass
TLC (80:20:2 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 18:1 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-H] ⁻ = 290.517 ± 1 amu	[M-H] ⁻ = 290.3 amu

Approved By:

