

**oleic acid-d9**

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

**861809O-10mg**

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<b>Molecular Weight</b>	291.517
<b>Chemical Formula</b>	C <sub>18</sub> H <sub>25</sub> D <sub>9</sub> O <sub>2</sub>
<b>Physical State</b>	Neat Oil
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6151OIF011
<b>Avanti Lot Number</b>	861809O-10MG-F-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Oil:</b> 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)	99.6% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-H] <sup>-</sup> = 290.517 ± 1 amu	[M-H] <sup>-</sup> = 290.1 amu

 Approved By: *Andriana Thomas*

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