

**arachidonic acid-d11**

5Z,8Z,11Z,14Z-eicosatetraenoic-16,16,17,17,18,18,19,19,20,20,20-d11 acid

**861810E-1mg**

Page 1 of 1

<b>Molecular Weight</b>	315.535
<b>Chemical Formula</b>	C <sub>20</sub> H <sub>21</sub> D <sub>11</sub> O <sub>2</sub>
<b>Physical State</b>	Ethanol
<b>Storage</b>	-80°C
<b>Expiration Date</b>	Three months from date of receipt
<b>M Lot Number</b>	6152EGD010
<b>Avanti Lot Number</b>	861810E-1MG-D-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Ethanol:</b> Clear solution 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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-H] <sup>-</sup> = 314.535 ± 1 amu	[M-H] <sup>-</sup> = 314.3 amu

Approved By:



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