

**arachidonic acid-d11**

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

**861810E-1mg**

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**Molecular Weight** 315.535  
**Chemical Formula** C<sub>20</sub>H<sub>21</sub>D<sub>11</sub>O<sub>2</sub>  
**Physical State** Ethanol  
**Storage** -20°C  
**Expiration Date** Three months from date of receipt  
**M Lot Number** 6152EGD010  
**Avanti Lot Number** 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: *Anderson Thomas*

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