

**arachidonic acid-alkyne**

5Z,8Z,11Z,14Z-eicosatetraen-19-ynoic acid

**900411E-1mg**

Page 1 of 1

<b>Molecular Weight</b>	300.435
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>28</sub> O <sub>2</sub>
<b>Physical State</b>	Ethanol
<b>Storage</b>	-20°C
<b>Expiration Date</b>	Three months from date of receipt
<b>M Lot Number</b>	6386EGA010
<b>Avanti Lot Number</b>	900411E-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Ethanol:</b> Clear solution with no foreign matter.	Pass
TLC (6:4 Hexane: Ethyl Acetate)	>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> = 299.435 ± 1 amu	[M-H] <sup>-</sup> = 299.3 amu

Approved By:

