

arachidonic acid-alkyne

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

900411E-1mg

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Molecular Weight 300.435
Molecular Formula C₂₀H₂₈O₂
Physical State Ethanol
Storage -80°C
Expiration Date Three months from date of receipt
M Lot Number 6386EGA010
Avanti Lot Number 900411E-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Ethanol: 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] ⁻ = 299.435 ± 1 amu	[M-H] ⁻ = 299.4 amu

Approved By:



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