

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 ₂₀ H ₂₁ D ₁₁ O ₂
Physical State	Ethanol
Storage	-80°C
Expiration Date	Three months from date of receipt
M Lot Number	6152EGE010
Avanti Lot Number	861810E-1MG-E-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Ethanol: 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	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-H] ⁻ = 314.54 ± 1 amu	[M-H] ⁻ = 314.30 amu

Approved By:



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