

C20:4 anandamide (AEA)

5Z,8Z,11Z,14Z-eicosatetraenoylethanolamide

8704300-5mg

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Molecular Weight	347.54
Chemical Formula	C ₂₂ H ₃₇ NO ₂
Physical State	Neat Oil
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	6193OHB015
Avanti Lot Number	8704300-5MG-B-015

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Neat Oil: Clear, near colorless oil with no foreign matter	Pass
TLC (95:5 Chloroform: Methanol)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
UV Oxidation	NMT 5% total wavelengths	0.71%
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 348.5 ± 1 amu	[M+H] ⁺ = 348.4 amu



Approved By:

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