

Leukotriene E4

5S-hydroxy-6R-(S-cysteinyl)-7E,9E,11Z,14Z-eicosatetraenoic acid

700316

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Molecular Weight	439.61
Chemical Formula	C ₂₃ H ₃₇ NO ₅ S
Physical State	Ethanol
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	N/A
Avanti Lot Number	700316-01-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Ethanol: Clear, colorless solution with no foreign matter	Pass
TLC (65:35:8 Chloroform: Methanol: Water)	>99% Purity Ninhydrin spray: positive 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] ⁻ = 438.61 ± 1 amu	[M-H] ⁻ = 438.30 amu

Approved By:

Melissa Liles

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