

Farnesyl-L-cysteine

(E,E)-3,7,11-Trimethyl-2,6,10-dodecatrien-1-yl-L-cysteine

700308P-5mg

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Molecular Weight	325.51
Chemical Formula	C ₁₈ H ₃₁ NO ₂ S
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6903PHB010
Avanti Lot Number	700308P-5MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (80:20:2 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] ⁻ = 324.51 ± 1 amu	[M-H] ⁻ = 324.3 amu

Melissa Bolin

Approved By:

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