

Geranylgeranoic acid

(2E,6E,10E)-3,7,11,15-tetramethyl-2,6,10,14-hexadecatetraenoic acid

700381J-10mg

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Molecular Weight	304.47
Chemical Formula	C ₂₀ H ₃₂ O ₂
Physical State	Methyl Acetate
Storage	-80°C
Expiration Date	One year from date of receipt
M Lot Number	7240JIA010
Avanti Lot Number	700381J-10MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Methyl Acetate: Clear solution with no foreign matter.	Pass
TLC (8:2 Hexane: Ethyl Acetate)	>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] ⁻ = 303.5 ± 1amu	[M-H] ⁻ = 303.2 amu

Approved by:



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