

18:1 DAP

1,2-dioleoyl-3-dimethylammonium-propane (DODAP)

890850C-25mg

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Molecular Weight	648.054
Chemical Formula	C ₄₁ H ₇₇ NO ₄
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6357CJB056
Avanti Lot Number	890850C-25MG-B-056

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution which contains no foreign matter	Pass
TLC (97:3 Chloroform: Methanol)	>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] ⁺ = 649.054 ± 1 amu	[M+H] ⁺ = 648.8 amu
FAME (GC/FID)	NLT 99% 18:1 (AUC)	99.6% 18:1 (AUC)

Approved By:



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