

16:0 CDP DG

1,2-dipalmitoyl-sn-glycero-3-(cytidine diphosphate) (ammonium salt)

870510C-10mg

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Molecular Weight 988.134
Chemical Formula C₄₄H₈₇N₅O₁₅P₂
Physical State Chloroform
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6204CIA015
Avanti Lot Number 870510C-10MG-A-015

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with no foreign matter	Pass
TLC (65:35:8 Chloroform: Methanol: Water)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Calcium (ICP/MS)	NMT 500 ppm	84.2 ppm
Mass Spectroscopy	[M-2NH ₄ +H] ⁻ = 953.134 ± 1 amu	[M-2NH ₄ +H] ⁻ = 952.8 amu

Approved By: *Andriana Thomas*

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