

18:1 CDP DG

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

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Molecular Weight 1040.208
Chemical Formula C₄₈H₉₁N₅O₁₅P₂
Physical State Chloroform
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6205CHC029
Lot Number 870520C-5MG-C-029

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: positive Water dip: one major spot	All pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-2NH ₄ +H] ⁺ = 1005.208 ± 1 amu	[M-2NH ₄ +H] ⁺ = 1005.0 amu

Approved By: 

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