

DGTS

1,2-dipalmitoyl-sn-glycero-3-O-4'-(N,N,N-trimethyl)-homoserine

857464P-5mg

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Molecular Weight 712.1
Chemical Formula C₄₂H₈₁NO₇
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5844PHC013
Avanti Lot Number 857464P-5MG-C-013

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: white solid which contains no foreign matter	Pass
TLC (80:20:2 Chloroform: Methanol: Water)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 713.1 ± 1 amu	[M+H] ⁺ = 712.7 amu



Approved By:

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