

DGTS

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

857464P-1mg

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Molecular Weight	712.095
Chemical Formula	C ₄₂ H ₈₁ NO ₇
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5844PGA011
Avanti Lot Number	857464P-1MG-A-011

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] ⁺ = 713.100 ± 1 amu	[M+H] ⁺ = 712.65 amu

Approved By: *Melissa Liles*

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