

18:0-22:6 PC-d9

1-stearoyl-2-docosahexaenoyl-sn-glycero-3-phosphocholine-d9

850810C-1mg

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Molecular Weight 843.23
Chemical Formula C₄₆H₇₁D₉NO₈P
Physical State Chloroform
Storage -20°C
Expiration Date Three months from date of receipt
M Lot Number 7182CGA010
Avanti Lot Number 850810C-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% combined 18:0 and 22:6 (AUC)	100% combined 18:0 and 22:6 (AUC)
UV Oxidation	NMT 5% total all wavelengths	0 % total all wavelengths
Mass Spectroscopy	[M+H] ⁺ = 844.2 ± 1 amu	[M+H] ⁺ = 843.9 amu
Isotopic Purity	Run and Report	100%

Approved By:



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