

16:0-d31 Lyso PC

1-palmitoyl-d31-sn-glycero-3-phosphocholine

860397P-10mg

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Molecular Weight	526.821
Chemical Formula	C ₂₄ H ₄₉ NO ₇ PD ₃₁
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5910PIB031
Avanti Lot Number	860397P-10MG-B-031

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC	>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
Mass Spectroscopy	[M+H] ⁺ = 524.8 – 528.8 ± 1 amu (multiple peaks will be observed across this range due to proton/deuterium exchange)	[M+H] ⁺ = 526.7 amu

Melissa Bolin

Approved by:

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