

16:0 PC-d62

1,2-dipalmitoyl-d62-sn-glycero-3-phosphocholine

860355C-10mg

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Molecular Weight 796.421
Chemical Formula C₄₀H₁₈NO₈PD₆₂
Physical State Chloroform
Storage -20 °C
Expiration Date One year from date of receipt
M Lot Number 5890CIA066
Avanti Lot Number 860355C-10MG-A-066

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Chloroform: Clear solution with 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] ⁺ = 797.421 – 798.421 ± 1 amu (Multiple peaks will be observed across this range due to proton/deuterium exchange)	[M+H] ⁺ = 795.4 amu

Approved by:

