

16:0 DNP Cap PE

1,2-dipalmitoyl-sn-glycero-3-phosphoethanolamine-N-[6-[(2,4-dinitrophenyl)amino]hexanoyl] (ammonium salt)

810528C-25mg

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Molecular Weight	988.238
Chemical Formula	C ₄₉ H ₉₀ N ₅ O ₁₃ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5451CJA023
Avanti Lot Number	810528C-25MG-A-023

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with no foreign matter	Pass
TLC	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 16:0 (AUC)	99.4% AUC
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-NH ₄] ⁺ = 970.238 ± 1 amu	[M-NH ₄] ⁺ = 969.9 amu

Approved by:



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