

16:0 azidocaproyl PE

1,2-dipalmitoyl-sn-glycero-3-phosphoethanolamine-N-(6-azidohexanoyl) (ammonium salt)

870126P-25mg

Page 1 of 1

Molecular Weight	848.145
Chemical Formula	C ₄₃ H ₈₆ N ₅ O ₉ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6162PJA013
Lot Number	870126P-25MG-A-013

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (80:20:2 Chloroform:Methanol:Ammonium Hydroxide)	>99% Purity 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)	99.9% 16:0 (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-NH ₄] ⁺ = 830.1 ± 1 amu	[M-NH ₄] ⁺ = 829.6 amu

Approved by:

