

18:1 Dansyl PE

1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-(5-dimethylamino-1-naphthalenesulfonyl) (ammonium salt)

810330C-5mg

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Molecular Weight	994.35
Chemical Formula	C ₅₃ H ₉₂ N ₃ O ₁₀ PS
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5437CHF014
Avanti Lot Number	810330C-5MG-F-014

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: positive Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 18:1 (AUC)	100% (AUC)
Mass Spectroscopy	[M-NH ₄] ⁺ = 976.350 ± 1 amu	[M-NH ₄] ⁺ = 976.2 amu

Approved By: *Meredith Bayood*

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