

18:1 Pyrene PE

1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-(1-pyrenesulfonyl) (ammonium salt)

810331P-1mg

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Molecular Weight	1025.363
Chemical Formula	C ₅₇ H ₈₉ N ₂ O ₁₀ PS
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5438PGE012
Avanti Lot Number	810331P-1MG-E-012

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity UV: one major spot Ninhydrin: negative to slight positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All pass
Mass Spectroscopy	Positive mode: [M+H] ⁺ = 1026.363 ± 1 amu Negative mode: [M-NH ₄] ⁻ = 1007.363 ± 1 amu	[M+H] ⁺ = 1025.7 amu [M-NH ₄] ⁻ = 1006.9 amu

Approved by: *Anderson Thomas*

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