

DSPE-RGD

1,2-distearoyl-sn-glycero-3-phosphoethanolamine-N-[4-(p-(cysarginylglycylaspartatemaleimidomethyl) cyclohexane-carboxamide] (sodium salt)

870295P-1mg

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Molecular Weight 1460.748
Chemical Formula C₆₈H₁₂₀N₉Na₂O₁₈PS
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6184PGC012
Avanti Lot Number 870295P-1MG-C-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-2Na+H] ⁺ = 1415.7 ± 1 amu [M-2Na] ²⁺ = 707.4 ± 1 amu	[M-2Na+H] ⁺ = 1415.4 amu [M-2Na] ²⁺ = 706.9 amu
FAME (GC/ID)	NLT 99% (AUC)	99.4%

Approved By:



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