

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 6184PGD011
Avanti Lot Number 870295P-1MG-D-011

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	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-2Na+H] ⁺ = 1415.7 ± 1 amu [M-2Na] ⁺ = 707.4 ± 1 amu	[M-2Na+H] ⁺ = 1414.8 amu [M-2Na] ⁺ = 706.9 amu

Approved By: *Anderson Thomas*

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