

DOPE-RGD

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

870296P-1mg
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Molecular Weight 1456.72
Chemical Formula C₆₈H₁₁₆N₉Na₂O₁₈PS
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6597PGE010
Avanti Lot Number 870296P-1MG-E-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-2Na] ²⁻ = 705.36 ± 1 amu [M-2Na+H] ⁻ = 1411.72 ± 1 amu	[M-2Na] ²⁻ = 705.8 amu [M-2Na+H] ⁻ = 1412.5 amu

Approved By: *Andriana Thomas*

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