

DOPE-RGD

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

870296P-1mg
Page 1 of 1

Molecular Weight 1456.72
Chemical Formula C₆₈H₁₁₆N₉Na₂O₁₈PS
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6597PGC010
Avanti Lot Number 870296P-1MG-C-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	$[M-2Na]^{2-} = 705.36 \pm 1$ amu $[M-2Na+H]^{-} = 1411.72 \pm 1$ amu	$[M-2Na]^{2-} = 705.8$ amu $[M-2Na+H]^{-} = 1412.5$ amu

Approved By:



For Research Use Only. Not For Human Use.