

## 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** C<sub>68</sub>H<sub>116</sub>N<sub>9</sub>Na<sub>2</sub>O<sub>18</sub>PS  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6597PGD010  
**Avanti Lot Number** 870296P-1MG-D-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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] <sup>2-</sup> = 705.36 ± 1 amu [M-2Na+H] <sup>-</sup> = 1411.72 ± 1 amu	[M-2Na] <sup>2-</sup> = 705.8 amu [M-2Na+H] <sup>-</sup> = 1412.5 amu

Approved By: *Andriana Thomas*

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