

## 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** C<sub>68</sub>H<sub>120</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** 6184PGA012  
**Avanti Lot Number** 870295P-1MG-A-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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] <sup>+</sup> = 1415.7 ± 1 amu [M-2Na] <sup>2+</sup> = 707.4 ± 1 amu	[M-2Na+H] <sup>+</sup> = 1415.4 amu [M-2Na] <sup>+</sup> = 706.9 amu
FAME (GC/ID)	NLT 99% (AUC)	99.4%

*Melissa Bolin*

Approved By:

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