

## 18:1 DGS-NTA

1,2-dioleoyl-sn-glycero-3-[(N-(5-amino-1-carboxypentyl)iminodiacetic acid)succinyl] (ammonium salt)

790528P-5mg

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**Molecular Weight** 1016.395  
**Chemical Formula** C<sub>53</sub>H<sub>100</sub>N<sub>5</sub>O<sub>13</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5248PHC049  
**Avanti Lot Number** 790528P-5MG-C-049

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% (AUC)	100% 18:1 (AUC)
Mass Spectroscopy	[M-3NH <sub>4</sub> +2H] <sup>+</sup> = 964.395 ± 1 amu	[M-3NH <sub>4</sub> +2H] <sup>+</sup> = 964.1 amu

Approved By:



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