

**C24 Dihydroceramide (d18:0/24:0)****N-lignoceroyl-D-erythro-sphinganine****860628P-5mg****Page 1 of 1**

**Molecular Weight** 652.129  
**Chemical Formula** C<sub>42</sub>H<sub>85</sub>NO<sub>3</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6056PHI013  
**Avanti Lot Number** 860628P-5MG-I-013

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (9:1 Chloroform: Methanol)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 653.129 ± 1 amu	[M+H] <sup>+</sup> = 652.6 amu

Approved By:



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