

**1-O-Acyl-Ceramide**

1-oleoyl-N-heptadecanoyl-D-erythro-sphingosine

**860526P-5mg**

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<b>Molecular Weight</b>	816.373
<b>Chemical Formula</b>	C <sub>53</sub> H <sub>101</sub> NO <sub>4</sub>
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5978PHB010
<b>Avanti Lot Number</b>	860526P-5MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC (97:3 Chloroform: Methanol)	>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
Mass Spectroscopy	[M+H] <sup>+</sup> = 817.373 ± 1 amu	[M+H] <sup>+</sup> = 817.2 amu

Approved by:

