

## 1-O-Acyl Ceramide (d18:1/16:0/18:1)

1-oleoyl-N-hexadecanoyl-D-erythro-sphingosine

860770P-5mg

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<b>Molecular Weight</b>	802.37
<b>Chemical Formula</b>	C <sub>52</sub> H <sub>99</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>	7326PHA010
<b>Avanti Lot Number</b>	860770P-5MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (8:2 Hexane: Ethyl Acetate)	>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> = 803.37 ± 1 amu	[M+H] <sup>+</sup> = 803.0 amu

Approved By:



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