

**C16 Lactosyl(β) Ceramide (d18:1/16:0)**

D-lactosyl-β-1,1' N-palmitoyl-D-erythro-sphingosine

**860576P-5mg**

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<b>Molecular Weight</b>	862.182
<b>Chemical Formula</b>	C <sub>46</sub> H <sub>87</sub> NO <sub>13</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>	6020PHC012
<b>Avanti Lot Number</b>	860576P-5MG-C-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (7:3 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> = 863.182 ± 1 amu	[M+H] <sup>+</sup> = 862.5 amu

Approved By:



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