

**C18 Lactosyl(β) Ceramide (d18:1/18:0)**

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

**860598P-5mg**

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<b>Molecular Weight</b>	890.235
<b>Chemical Formula</b>	C <sub>48</sub> H <sub>91</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>	6039PHE016
<b>Avanti Lot Number</b>	860598P-5MG-E-016

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
Mass Spectroscopy	[M+H] <sup>+</sup> = 891.235 ± 1 amu	[M+H] <sup>+</sup> = 891.2 ± 1 amu



Approved By:

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