

**C8 Lactosyl(β) Ceramide (d18:1/8:0)**

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

**860541P-5mg**

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<b>Molecular Weight</b>	749.969
<b>Chemical Formula</b>	C <sub>38</sub> H <sub>71</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>	5991PHB014
<b>Avanti Lot Number</b>	860541P-5MG-B-014

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (65:25:4 Chloroform: Methanol: Water)	>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> = 750.969 ± 1 amu	[M+H] <sup>+</sup> = 750.7 amu

Approved by:



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