

**C12 Glucosyl(β) Ceramide (d18:1/12:0)**
**D-glucosyl-β-1,1'-N-lauroyl-D-erythro-sphingosine**
**860543P-5mg**
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<b>Molecular Weight</b>	643.935
<b>Chemical Formula</b>	C <sub>36</sub> H <sub>69</sub> NO <sub>8</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>	5993PHB016
<b>Avanti Lot Number</b>	860543P-5MG-B-016

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (80:20:2 Chloroform: Methanol: Ammonium Hydroxide)	>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> = 644.935 ± 1 amu	[M+H] <sup>+</sup> = 644.9 amu

Approved By:



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