

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

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

860538P-5mg

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**Molecular Weight** 587.829  
**Chemical Formula** C<sub>32</sub>H<sub>61</sub>NO<sub>8</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5988PHE019  
**Avanti Lot Number** 860538P-5MG-E-019

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (85:15 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> = 588.829 ± 1 amu	[M+H] <sup>+</sup> = 588.9 amu

Approved by: *Anderson Thomas*

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