

**C18:1 Galactosyl( $\beta$ ) Ceramide (d18:1/18:1(9Z))**D-galactosyl- $\beta$ -1,1'-N-oleoyl-D-erythro-sphingosine**860596P-5mg****Page 1 of 1**

**Molecular Weight** 726.079  
**Chemical Formula** C<sub>42</sub>H<sub>79</sub>NO<sub>8</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6037PHD010  
**Avanti Lot Number** 860596P-5MG-D-010

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> = 727.079 $\pm$ 1 amu	[M+H] <sup>+</sup> = 727.0 amu

Approved By: 

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