

**C16 Galactosyl( $\alpha$ ) Ceramide (d18:1/16:0)**

 D-galactosyl- $\alpha$ -1,1' N-palmitoyl- D-erythro-sphingosine

**860431P-5mg**
**Page 1 of 1**

<b>Molecular Weight</b>	700.041
<b>Chemical Formula</b>	C <sub>40</sub> H <sub>77</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>	5920PHF010
<b>Avanti Lot Number</b>	860431P-5MG-F-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC 8:2 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> = 701.041 $\pm$ 1 amu	[M+H] <sup>+</sup> = 701.0 amu

 Approved by: *Anderson Thomas*

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