

**C24:1 Galactosyl( $\alpha$ ) Ceramide (d18:1/24:1(15Z))**

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

**860432P-5mg**
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<b>Molecular Weight</b>	810.238
<b>Chemical Formula</b>	C <sub>48</sub> H <sub>91</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>	5921PHA010
<b>Avanti Lot Number</b>	860432P-5MG-A-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> = 811.238 $\pm$ 1 amu	[M+H] <sup>+</sup> = 811.3 amu

Approved By:

