

**C24 Mono-Sulfo Galactosyl(β) Ceramide (d18:1/24:0)**

3-O-sulfo-D-galactosyl-β1-1'-N-lignoceroyl-D-erythro-sphingosine (ammonium salt), (synthetic)

**860578P-1mg**

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<b>Molecular Weight</b>	909.348
<b>Chemical Formula</b>	C <sub>48</sub> H <sub>96</sub> N <sub>2</sub> O <sub>11</sub> S
<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>	6022PGD011
<b>Avanti Lot Number</b>	860578P-1MG-D-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (65:25:4 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-NH <sub>4</sub> ] <sup>+</sup> = 891.348 ± 1 amu	[M-NH <sub>4</sub> ] <sup>+</sup> = 891.2 amu

Approved by:



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