

**C12 Mono-Sulfo Galactosyl(β) Ceramide (d18:1/12:0)**

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

**860573P-1mg**
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<b>Molecular Weight</b>	741.029
<b>Chemical Formula</b>	C <sub>36</sub> H <sub>72</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>	6017PGB013
<b>Avanti Lot Number</b>	860573P-1MG-B-013

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC	>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> = 723.029 ± 1 amu	[M-NH <sub>4</sub> ] <sup>+</sup> = 722.9 amu

Approved By:



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