

**C24:1 Lactosyl(β) Ceramide (d18:1/24:1)**
**D-lactosyl-β1-1'-N-nervonoyl-D-erythro-sphingosine**
**860597P-5mg**
**Page 1 of 1**

<b>Molecular Weight</b>	972.379
<b>Chemical Formula</b>	C <sub>54</sub> H <sub>101</sub> NO <sub>13</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>	6038PHE012
<b>Avanti Lot Number</b>	860597P-5MG-E-012

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	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 973.379 ± 1 amu	[M+H] <sup>+</sup> = 972.8 amu

Approved By:



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