

## C18(2R-OH) Galactosyl(β) Ceramide

D-galactosyl-β1-1'-N-[2'(R)-hydroxystearoyl]-D-erythro-sphingosine

860840P-5mg

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<b>Molecular Weight</b>	744.094
<b>Chemical Formula</b>	C <sub>42</sub> H <sub>81</sub> NO <sub>9</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>	6131PHC010
<b>Avanti Lot Number</b>	860840P-5MG-C-010

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	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 745.094 ± 1 amu	[M+H] <sup>+</sup> = 744.9 amu

Approved by: *Anderson Thomas*

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