

C18 Galactosyl(β) Ceramide (d18:1/18:0)
D-galactosyl-β-1,1'-N-stearoyl-D-erythro-sphingosine
860844P-5mg
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Molecular Weight	728.094
Chemical Formula	C ₄₂ H ₈₁ NO ₈
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6135PHI011
Avanti Lot Number	860844P-5MG-I-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (80:20:2 Chloroform: Methanol: Water)	>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] ⁺ = 729.094 ± 1 amu	[M+H] ⁺ = 729.1 amu

 Approved By: *Andriana Thomas*

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