

C8 Galactosyl(α) Ceramide (d18:1/8:0)
D-galactosyl- α -1,1' N-octanoyl-D-erythro-sphingosine
860430P-5mg

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Molecular Weight 587.829
Chemical Formula C₃₂H₆₁NO₈
Physical State Powder
Storage -20 °C
Expiration Date One year from date of receipt
M Lot Number 5919PHA010
Avanti Lot Number 860430P-5MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC 8:2 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] ⁺ = 588.829 $\pm$ 1 amu	[M+H] ⁺ = 588.9 amu

Approved by:

