

C18:1 Glucosyl(β) Ceramide (d18:1/18:1(9Z))

 D-glucosyl- β -1,1'-N-oleoyl-D-erythro-sphingosine

860548P-5mg
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Molecular Weight	726.079
Chemical Formula	C ₄₂ H ₇₉ NO ₈
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5998PHC019
Avanti Lot Number	860548P-5MG-C-019

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: 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] ⁺ = 727.079 $\pm$ 1 amu	[M+H] ⁺ = 727.0 amu

 Approved By: *Anderson Thomas*

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