

glucosyl (β) Sphingosine (d20:1)

D-glucosyl-β1,1'-D-erythro-sphingosine (d20:1)

860438P-1mg

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Molecular Weight	489.69
Chemical Formula	C ₂₆ H ₅₁ NO ₇
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5922PGA010
Avanti Lot Number	860438P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (65:35:8 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin: positive 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] ⁺ = 490.69 ± 1 amu	[M+H] ⁺ = 490.3 amu

Approved by:

