Avanti® Polar Lipids, Inc.

Certificate of Analysis

glucosyl (ß) Sphingosine (d20:1)

D-glucosyl-ß1,1'-D-erythro-sphingosine (d20:1)

860438P-1mg

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	5922PGB010
Avanti Lot Number	860438P-1MG-B-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: Meredith Bayford

For Research Use Only. Not For Human Use.

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