

C18 Glucosyl(β) Ceramide-d5

D-glucosyl-β-1,1'-N-stearoyl-D-erythro-sphingosine-d5

860638P-1mg

Page 1 of 1

Molecular Weight	733.125
Chemical Formula	C ₄₂ H ₇₆ D ₅ NO ₈
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6064PGJ012
Avanti Lot Number	860638P-1MG-J-012

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] ⁺ = 734.125 ± 1 amu	[M+H] ⁺ = 733.7 amu

 Approved By: *Andriana Thomas*

For Research Use Only. Not For Human Use.