

C18:1 Glucosyl Ceramide-d5

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

860673P-1mg

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Molecular Weight	731.12
Chemical Formula	C ₄₂ H ₇₄ D ₅ NO ₈
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6090PGC010
Avanti Lot Number	860673P-1MG-C-010

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] ⁺ = 732.12 ± 1 amu	[M+H] ⁺ = 732.1 amu

 Approved by: *Andriana Thomas*

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