

C15 Lactosyl(β) Ceramide-D7 (d18:1-D7/15:0)**D-lactosyl- β -1,1'-N-pentadecanoyl-D-erythro-sphingosine-D7****330727P-1MG****Page 1 of 1**

Molecular Weight 855.21
Chemical Formula C₄₅H₇₈D₇NO₁₃
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6609PGI010
Avanti Lot Number 330727P-1MG-I-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White powder 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] ⁺ = 856.21 \pm 1 amu	[M+H] ⁺ = 855.6 amu

Approved By:



For Research Use Only. Not For Human Use.