

C24:1 Lactosyl(β) Ceramide-d7 (d18:1/24:1(15z))
D-Lactosyl-β-1,1' N-nervonoyl-D-erythro-sphingosine-d7
860739P-1mg
Page 1 of 1

Molecular Weight	979.44
Chemical Formula	C ₅₄ H ₉₄ D ₇ NO ₁₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	7019PGC010
Avanti Lot Number	860739P-1MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (80:20 Chloroform: Methanol)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 980.44 ± 1 amu	[M+H] ⁺ = 980.1 amu

Approved By:



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