

Lactosyl(β) Sphingosine (d18:1)

D-lactosyl-β1-1'-D-erythro-sphingosine

860542P-5mg

Page 1 of 1

Molecular Weight	623.773
Chemical Formula	C ₃₀ H ₅₇ NO ₁₂
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5992PHA013
Avanti Lot Number	860542P-5MG-A-013

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (65:35:8 Chloroform: Methanol: Water)	>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] ⁺ = 624.773 ± 1 amu	[M+H] ⁺ = 624.8 amu

Approved by:

