

C12 Galactosyl(β) Ceramide (d18:1/12:0)

D-galactosyl-β-1,1' N-lauroyl-D-erythro-sphingosine

860544P-5mg
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Molecular Weight	643.935
Chemical Formula	C ₃₆ H ₆₉ NO ₈
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5994PHC024
Avanti Lot Number	860544P-5MG-C-024

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] ⁺ = 644.935 ± 1 amu	[M+H] ⁺ = 644.8 amu

Approved By:



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