

Galactosyl(β) Dimethyl Sphingosine (d18:1)

N,N-dimethyl-D-galactosyl-β1-1'-D-erythro-sphingosine

860579P-5mg

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Molecular Weight	489.686
Chemical Formula	C ₂₆ H ₅₁ NO ₇
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6023PHB012
Avanti Lot Number	860579P-5MG-B-012

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (65:35:8 Chloroform: Methanol: Ammonium Hydroxide)	>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] ⁺ = 490.686 ± 1 amu	[M+H] ⁺ = 490.7 amu

Approved by:

