

Galactosyl(β) Sphingosine (d18:1)

D-galactosyl-β1-1'-D-erythro-sphingosine

860537P-5MG

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Molecular Weight	461.632
Chemical Formula	C ₂₄ H ₄₇ NO ₇
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5987PHD022
Avanti Lot Number	860537P-5MG-D-022

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: 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] ⁺ = 462.632 ± 1 amu	[M+H] ⁺ = 462.5 amu

Approved By: *Anderson Thomas*

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