

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

3-O-sulfo-D-galactosyl-β1-1'-N-lauroyl-D-erythro-sphingosine (ammonium salt), (synthetic)

860573P-1mg

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Molecular Weight	741.029
Chemical Formula	C ₃₆ H ₇₂ N ₂ O ₁₁ S
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6017PGC013
Avanti Lot Number	860573P-1MG-C-013

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>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-NH ₄] ⁺ = 723.029 ± 1 amu	[M-NH ₄] ⁺ = 722.9 amu

Approved By:



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