

C24:1 Mono-Sulfo Galactosyl(β) Ceramide (d18:1/24:1)

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

860571P-1mg
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Molecular Weight	907.332
Chemical Formula	C ₄₈ H ₉₄ N ₂ O ₁₁ S
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6015PGC011
Avanti Lot Number	860571P-1MG-C-011

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (70:25:3 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-NH ₄] ⁺ = 889.332 ± 1 amu	[M-NH ₄] ⁺ = 889.1 amu

Approved by:

