

C24:1 Mono-sulfo galactosyl (alpha) ceramide (d18:1/24:1)

 3-O-Sulfo-D-galactosyl- α 1,1'-N-Nervonoyl-D-erythro-sphingsoine (ammonium salt), (synthetic)

860871P-1mg
Page 1 of 1

Molecular Weight	907.33
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	6143PGA010
Avanti Lot Number	860871P-1MG-A-010

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] ⁺ = 889.33 ± 1 amu	[M-NH ₄] ⁺ = 889.1 amu

Approved by:



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