

18:0(2R-OH) Sulfo GalCer

3-O-sulfo-D-galactosyl-β1-1'-N-[2''(R)-hydroxystearyl]-D-erythro-sphingosine (ammonium salt), (synthetic)

860842P-1mg

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Molecular Weight	841.188
Chemical Formula	C ₄₂ H ₈₄ N ₂ O ₁₂ S
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	6133PGA010
Avanti Lot Number	860842P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (65:25:4 Chloroform: Methanol: Water)	>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] ⁺ = 859.188 ± 1 amu	[M+NH ₄] ⁺ = 858.9 amu

Approved by:

