

C18(2R-OH) Galactosyl(β) Ceramide

D-galactosyl-β1-1'-N-[2'(R)-hydroxystearoyl]-D-erythro-sphingosine

860840P-5mg

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Molecular Weight	744.094
Chemical Formula	C ₄₂ H ₈₁ NO ₉
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	6131PHA010
Avanti Lot Number	860840P-5MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (85:15 Chloroform: Methanol)	>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+H] ⁺ = 745.094 ± 1 amu	[M+H] ⁺ = 744.9 amu

Approved by:

