

C24:1 Galactosyl(β) Ceramide (d18:1/24:1(15Z))
D-galactosyl-β-1,1' N-nervonoyl-D-erythro-sphingosine
860546P-5mg
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Molecular Weight	810.238
Chemical Formula	C ₄₈ H ₉₁ NO ₈
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5996PHA017
Avanti Lot Number	860546P-5MG-A-017

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] ⁺ = 811.238 ± 1 amu	[M+H] ⁺ = 811.0 amu

Approved by:

