

C24:1 Galactosyl(β) Ceramide (d18:1/24:1(15Z))

D-galactosyl-β-1,1' N-nervonoyl-D-erythro-sphingosine

860546P-5mg

Page 1 of 1

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	5996PHA018
Avanti Lot Number	860546P-5MG-A-018

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	>99% Purity Ninhydrin: negative Iodine: one major spot, three minor spots Phosphorus: negative Charring: positive Water dip: one major spot, three minor spots
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: *Anderson Thomas*

For Research Use Only. Not For Human Use.