

C24:0 Ceramide (d18:2(4E,8Z)/24:0)

N-lignoceroyl-D-erythro-sphingosine (d18:2(4E,8Z) base)

860693P-1mg

Page 1 of 1

Molecular Weight	648.1
Chemical Formula	C ₄₂ H ₈₁ NO ₃
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	6103PGA010
Avanti Lot Number	860693P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (9:1 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] ⁺ = 649.1 ± 1 amu	[M+H] ⁺ = 649.1 amu

Approved by:

