

C24:1 Ceramide (d17:1/24:1(15Z))

N-nervonoyl-D-erythro-sphingosine (C17 base)

860650P-5mg

Page 1 of 1

Molecular Weight	634.071
Chemical Formula	C ₄₁ H ₇₉ NO ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6074PHB010
Avanti Lot Number	860650P-5MG-B-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] ⁺ = 635.071 ± 1 amu	[M+H] ⁺ = 635.0 amu

Approved By:



For Research Use Only. Not For Human Use.