

C24:1 Ceramide-d7 (d18:1-d7/24:1(15Z))

N-nervonoyl-D-erythro-sphingosine (d7)

860679P-1mg

Page 1 of 1

Molecular Weight	655.141
Chemical Formula	C ₄₂ H ₇₄ D ₇ NO ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6096PGE011
Avanti Lot Number	860679P-1MG-E-011

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] ⁺ = 656.141 ± 1 amu	[M+H] ⁺ = 655.6 amu

Approved by:



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