

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

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

860679P-1mg

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Molecular Weight 655.141
Chemical Formula C₄₂H₇₄D₇NO₃
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6096PGB010
Avanti Lot Number 860679P-1MG-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] ⁺ = 656.141 ± 1 amu	[M+H] ⁺ = 656.0 amu

Approved by:

