

C24 Ceramide-d7 (d18:1-d7/24:0)
N-lignoceroyl-D-erythro-sphingosine (d7)
860678P-1mg

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Molecular Weight	657.156
Chemical Formula	C ₄₂ H ₇₂ D ₇ NO ₃
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	6095PGA011
Avanti Lot Number	860678P-1MG-A-011

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (95:5 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] ⁺ = 658.156 ± 1 amu	[M+H] ⁺ = 658.3 amu

Approved by:

