

C24 Ceramide (d17:1/24:0)**N-lignoceroyl-D-erythro-sphingosine (C17 base)****860649P-5mg****Page 1 of 1**

Molecular Weight 636.087
Chemical Formula C₄₁H₈₁NO₃
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6073PHA020
Avanti Lot Number 860649P-5MG-A-020

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC	>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] ⁺ = 637.087 ± 1 amu	[M+H] ⁺ = 637.10 amu

Approved by:

