

N-C12-deoxysphingosine

N-lauroyl-1-deoxysphingosine (m18:1/12:0)

860455P-5mg

Page 1 of 1

Molecular Weight	465.795
Chemical Formula	C ₃₀ H ₅₉ NO ₂
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5924PHA010
Avanti Lot Number	860455P-5MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (97:3 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] ⁺ = 466.795 ± 1 amu	[M+H] ⁺ = 466.8 amu

Approved by:

