

N-C24:1-deoxysphinganine

N-nervonoyl-1-deoxysphinganine (m18:0/24:1)

860464P-1mg

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Molecular Weight	634.114
Chemical Formula	C ₄₂ H ₈₃ NO ₂
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5932PGA012
Avanti Lot Number	860464P-1MG-A-012

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] ⁺ = 635.114 ± 1 amu	[M+H] ⁺ = 635.0 amu

Approved By: *Meredith Bayroot*

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