

N-C24:1-deoxysphingosine

N-nervonoyl-1-deoxysphingosine (m18:1/24:1)

860457P-1mg

Page 1 of 1

Molecular Weight	632.098
Chemical Formula	C ₄₂ H ₈₁ NO ₂
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5926PGA011
Avanti Lot Number	860457P-1MG-A-011

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] ⁺ = 633.098 ± 1 amu	[M+H] ⁺ = 632.6 amu

Approved By:



For Research Use Only. Not For Human Use.