

NBD Phytosphingosine

Omega-NBD D-ribo-Phytosphingosine

810314P-250ug

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Molecular Weight	495.612
Chemical Formula	C ₂₄ H ₄₁ N ₅ O ₆
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5436PEA011
Avanti Lot Number	810314P-250UG-A-011

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter	Pass
TLC (80:20:2 Chloroform:Methanol:Water)	>99% Purity UV: one major spot Ninhydrin: positive Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All pass
Mass Spectroscopy	[M+H] ⁺ = 496.612 ± 1 amu	[M+H] ⁺ = 496.4 amu
Excitation/Emission by UV/VIS	467/535 nm	Pass

Approved by:

