

18-NBD 18:1 Coenzyme A

{N-[(7-nitro-2-1,3-benzoxadiazol-4-yl)-methyl]amino} oleoyl Coenzyme A (ammonium salt)

810229P-1mg

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Molecular Weight	1261.19
Chemical Formula	C ₄₅ H ₇₉ N ₁₄ O ₂₀ P ₃ S
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6844PGA010
Avanti Lot Number	810229P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: Orange solid which contains no foreign matter	Pass
TLC (50:40:10 Chloroform: Methanol: Water)	>99% Purity UV: one major spot Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy		
Excitation/Emission	$\lambda_{Ex\ max} = 468\ nm$ $\lambda_{Em\ max} = 535\ nm$	Pass

Approved By:



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