

16:0 Azido Coenzyme A

16-azidoheptadecanoyl Coenzyme A (ammonium salt)

860853P-1mg

Page 1 of 1

Molecular weight	1098.05
Chemical formula	C ₃₇ H ₇₄ N ₁₃ O ₁₇ P ₃ S
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6564PGA010
Avanti Lot Number	860853P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder : White solid which contains no foreign matter	Pass
TLC	>99% Purity 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
Mass Spectroscopy	[M-3NH ₄ +H] ²⁺ = 522.525 ± 1 amu [M-3NH ₄ +2H] ⁺ = 1046.05 ± 1 amu	[M-3NH ₄ +H] ²⁺ = 522.6 amu [M-3NH ₄ +2H] ⁺ = 1045.8 amu
HPLC/ELSD	NLT 99% (AUC)	100% (AUC)

Approved By:

