

16:0 Azido Coenzyme A

16-azidoheptadecanoyl Coenzyme A (ammonium salt)

860853P-1mg

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Molecular weight 1098.05
Chemical formula C₃₇H₇₄N₁₃O₁₇P₃S
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6564PGC010
Avanti Lot Number 860853P-1MG-C-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:

Meredith Bayroot

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