

Azo Coenzyme A

(E)-4-(4-((4-butylphenyl)diazenyl)phenyl)butanoyl Coenzyme A (ammonium salt)

870624P-1mg

Page 1 of 1

Molecular weight	1125.03
Chemical formula	C ₄₁ H ₆₇ N ₁₂ O ₁₇ P ₃ S
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6528PGA010
Avanti Lot Number	870624P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (50:40:10 Chloroform: Methanol: Water)	>99% Purity Ninhydrin: 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⁻ = 536.02 ± 1 amu [M-3NH ₄ +2H] ⁻ = 1073.03 ± 1 amu	[M-3NH ₄ +H] ²⁻ = 535.6 amu [M-3NH ₄ +2H] ⁻ = 1072.3 amu

Approved By:



For Research Use Only. Not For Human Use.