

C6:0 L-carnitine-d9

Hexanoyl L-carnitine-d9

870329P-1mg

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Molecular Weight	268.40
Chemical Formula	C ₁₃ H ₁₆ D ₉ NO ₄
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	7035PGA010
Avanti Lot Number	870329P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (65:36:8 Chloroform:Methanol:Ammonium Hydroxide)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 269.4 ± 1 amu	[M+H] ⁺ = 269.3 amu

 Approved By: *Anderson Thomas*

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