

C12:0 L-carnitine-d9 (HCl salt)

Lauroyl L-carnitine-d9 (HCl salt)

870326P-1mg

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Molecular Weight	389.02
Chemical Formula	C ₁₉ H ₂₉ D ₉ ClNO ₄
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	7063PGA010
Avanti Lot Number	870326P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (65:25:4 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 390.02 ± 1 amu	[M+H] ⁺ = 354.0 amu

 Approved By: *Anderson Thomas*

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