

C3:0 L-carnitine-d9 (HCl salt)

Propionyl L-carnitine-d9 (HCl salt)

870332P-1mg

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Molecular Weight	262.78
Chemical Formula	C ₁₀ H ₁₁ D ₉ CINO ₄
Physical State	Solid
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	7042PGB011
Avanti Lot Number	870332P-1MG-B-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Solid: Clear to opaque solid which contains no foreign matter	Pass
TLC (65:35:8 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
Quantitative Proton NMR	Run and Report	87.0 % recovery
Mass Spectroscopy	[M-CI] ⁺ = 227.3 ± 1 amu	[M-CI] ⁺ = 227.0 amu

Approved By:



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