

Certificate of Analysis

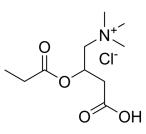
Propionyl-DL-carnitine (chloride)

| Cat. No.: | HY-101018 |
|----------------|--|
| CAS No.: | 18828-58-5 |
| Batch No.: | 229044 |
| Chemical Name: | 1-Propanaminium, 3-carboxy-N,N,N-trimethyl-2-(1-oxopropoxy)-, chloride (1:1) |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | C ₁₀ H ₂₀ ClNO ₄ | | |
|--------------------|---|-------|----------|
| Molecular Weight: | 253.72 | | |
| Storage: | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |

Chemical Structure:



ANALYTICAL DATA

| Appearance: | White to off-white (Solid) |
|------------------------------|---|
| ¹ H NMR Spectrum: | Consistent with structure |
| MS: | Consistent with structure |
| Purity (NMR): | ≥98.0% |
| Conclusion: | The product has been tested and complies with the given specifications. |
| | |

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com