MCE MedChemExpress

Certificate of Analysis

(±)-Carnitine (chloride)

Cat. No.: HY-B1453

CAS No.: 461-05-2

Batch No.: 24465

Chemical Name: 1-Propanaminium, 3-carboxy-2-hydroxy-N,N,N-trimethyl-, chloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

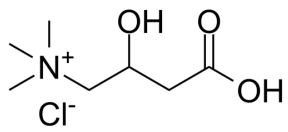
Molecular Formula: $C_7H_{16}ClNO_3$

Molecular Weight: 197.66

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

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.

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