

1. Identification

Catalogue Number

V091465

Lot Number

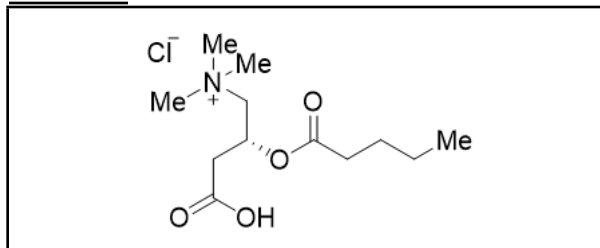
15-DPM-86-3

Product Name

Valeryl-L-carnitine Chloride

Synonyms

Structure



CAS Number

162040-64-4

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₂H₂₃ClNO₄

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

280.77

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

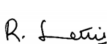


<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 50.64, %H: 8.97, %N: 4.93
HPLC Purity	>95%	99.89% (ELSD)
MS	Conforms to Structure	Conforms
Chloride Content	Report Result	12.9%
Specific Rotation	Report Result	-19.2° (c = 0.2, Water)

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed.
The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			2/2/2022	1/31/2026
Swathi Reddy	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Jr. Quality Assurance		