

L-(-)-Carnitine HCl (CAS 6645-46-1) Market Research Report 2025

<https://marketpublishers.com/r/LB2730333FAEN.html>

Date: May 2025

Pages: 70

Price: US\$ 2,200.00 (Single User License)

ID: LB2730333FAEN

Abstracts

L-(-)-Carnitine HCl (CAS 6645-46-1) Market Research Report 2025 presents comprehensive data on L-(-)-Carnitine HCl markets globally and regionally (Europe, Asia, North America etc.)

The report includes L-(-)-Carnitine HCl description, covers its application areas and related patterns. It overviews L-(-)-Carnitine HCl market, names L-(-)-Carnitine HCl producers and indicates its suppliers.

Besides, the report provides L-(-)-Carnitine HCl prices in regional markets.

In addition to the above the report determines L-(-)-Carnitine HCl consumers in the market.

BAC Reports offers its clients in-depth market research of chemical industry products on the global and regional markets (North & Latin America, Asia Pacific, European Union, Russia and CIS).

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market forecast.

L-(-)-Carnitine HCl (CAS 6645-46-1) Market Research Report 2025 can feature:

market condition and estimations, market forecast

chemical product ranges, trademarks, analogous products, application areas

regional and global producers, consumers and traders (including contact details).

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About

Product Name: L-(-)-Carnitine HCl

Synonyms:

(-)-(3-Carboxy-2-hydroxypropyl)trimethylammonium chloride

(R)-3-Carboxy-2-hydroxy-N,N,N-trimethyl-1-propanaminium chloride

[(2R)-2,4-Dihydroxy-4-oxobutyl]-trimethylazanium chloride

L-(3-Carboxy-2-hydroxypropyl)trimethylammonium chloride

L-(-)-Carnitine hydrochloride

L-Carnitine Hydrochloride

L-Carnitine HCL

Carboplatin

(-)-L-?-Trimethylammonium-?-hydroxybutyrate hydrochloride

(-)-[(2R)-3-Carboxy-2-hydroxypropyl]-trimethylazanium chloride

(-)-[(R)-3-Carboxy-2-hydroxypropyl]-trimethylammonium chloride

(R)-(-)-3-Carboxy-2-hydroxy-N,N,N-trimethyl-1-propanaminium chloride

(R)-(-)-4-Amino-3-hydroxybutyric acid trimethylbetaine hydrochloride

(R)-(-)-?-Hydroxy-?-
trimethylaminobutyric acid
hydrochloride

L-(-)-Carnitine hydrochloride

Levocarnitine hydrochloride

CAS#:	6645-46-1
Formula:	$C_7H_{16}ClNO_3$
Molecular Weight:	197.66
Appearance:	Slightly beige crystals.

L-(-)-Carnitine HCl, otherwise known as levocarnitine chloride, L-cartin, Vitamin- BT, L-Carnitine hydrochloride, etc. is a neuromodulator and anti-aging agent that occurs as a white to slightly beige solid with the molecular formula $C_7H_{16}ClNO_3$ and molecular weight 197.65. L-(-)-Carnitine HCl has a melting point of 142 °C. The product dissolves in water, but it is insoluble in acetone and only slightly soluble in ethanol.

L-(-)-Carnitine HCl is widely employed in medicine, health food additives, feedstuff additives. The product plays a significant role in fatty acid transport across mitochondrial membranes. Moreover, L-(-)-Carnitine HCl is a miscellaneous skin-conditioning, aqueous viscosity-increasing and surfactant cleaning agent. The product is highly suitable for liquid applications due to its hygroscopic properties.

L-(-)-Carnitine HCl can produce irritation of eyes or even a serious damage in individuals. The product causes skin inflammation and provokes pre-existing dermatitis condition. L-(-)-Carnitine HCl absorbed through damaged skin, cuts or lesions may cause systemic injury with harmful effects. Nausea, vomiting, abdominal distress, diarrhea are amid the side effects caused by the ingestion of L-(-)-Carnitine HCl. Accidental inhalation of the product may result in respiratory irritation with further lung damage. Overexposure to L-(-)-Carnitine HCl may lead to diseases of the airways involving related systemic problems, produce cumulative health effects, changes in lung function, bronchitis with wheezing, gasping, etc.

L-(-)-Carnitine HCl market is covered in the study L-(-)-Carnitine HCl (CAS 6645-46-1) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It

overlooks L-(-)-Carnitine HCl market situation, names manufacturers, suppliers as well as users. The report also provides current L-(-)-Carnitine HCl prices in the market.

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