



# LKT Laboratories, Inc.

## Palmitoyl-D,L-carnitine

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### Product Information

Product ID P0145

CAS No. 6865-14-1

#### Chemical Name

Synonym Palmitoyl-DL-carnitine chloride

Formula  $C_{23}H_{46}NO_4 Cl$

Formula Wt. 436.07

#### Melting Point

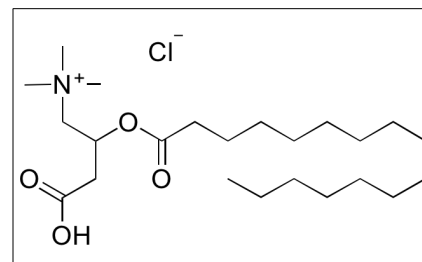
Purity  $\geq 98\%$

Solubility Soluble in water with heat or sonication.

Store Temp  $-20^{\circ}C$

Ship Temp Ambient

Description Palmitoyl-D,L-carnitine is a long chain acylcarnitine that is involved in fatty acid metabolism; it may be used as a substrate in the simulation of mitochondrial respiration. Palmitoyl-D,L-carnitine inhibits PKC and promotes hair growth. TEST!!!!!!



### Pricing and Availability

*Bulk quantities available upon request*

Product ID	Size	List Price
P0145	100 mg	\$164.90
P0145	500 mg	\$494.40

References Takahashi T, Kamimura A, Shirai A, et al. Several selective protein kinase C inhibitors including procyanidins promote hair growth. Skin Pharmacol Appl Skin Physiol. 2000 May-Aug;13(3-4):133-42. PMID: 10859531.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.