

# Chem-Impex International, Inc.

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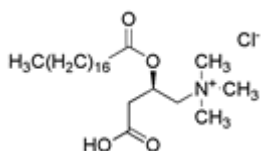
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	01874
<b>Product</b>	<b>Stearoyl-L-carnitine chloride</b> Octadecanoyl-L-carnitine chloride
<b>CAS Number</b>	32350-57-5
<b>Molecular Formula</b>	C <sub>25</sub> H <sub>50</sub> O <sub>4</sub> NCl
<b>Molecular Weight</b>	464.11

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<b>Appearance</b>	Free flowing white crystalline powder
<b>Elemental Analysis (Theory)</b>	C = 64.69 ± 0.5%; H = 10.85 ± 0.5%; N = 3.01 ± 0.5%; Cl = 7.63 ± 0.5%
<b>TLC System</b>	Chloroform/Methanol/0.1 M Sodium Acetate (4:4:1) Silica gel G Visualized: Iodine R <sub>f</sub> : 0.80
<b>Purity by TLC</b>	≥ 98%
<b>Storage</b>	Store at ≤ -4 °C

**For Laboratory Use Only**