



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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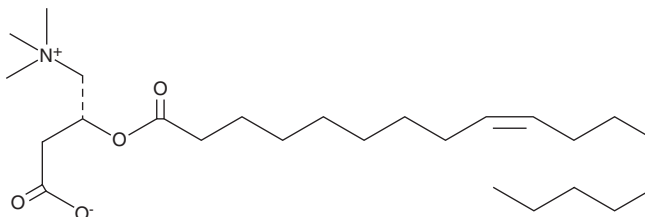
# PRODUCT INFORMATION



## Oleoyl-L-carnitine

Item No. 26557

**CAS Registry No.:** 38677-66-6  
**Formal Name:** 3-carboxy-N,N,N-trimethyl-2R-[[[(9Z)-1-oxo-9-octadecen-1-yl]oxy]-1-propanaminium, inner salt  
**Synonyms:** C18:1 Carnitine, L-Carnitine oleoyl ester, L-Oleoylcarnitine  
**MF:** C<sub>25</sub>H<sub>47</sub>NO<sub>4</sub>  
**FW:** 425.6  
**Purity:** ≥95%  
**Supplied as:** A solid  
**Storage:** -20°C  
**Stability:** ≥2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

### Laboratory Procedures

Oleoyl-L-carnitine is supplied as a solid. A stock solution may be made by dissolving the oleoyl-L-carnitine in the solvent of choice, which should be purged with an inert gas. Oleoyl-L-carnitine is slightly soluble in methanol.

### Description

Oleoyl-L-carnitine is a naturally occurring long-chain acylcarnitine.<sup>1</sup> It inhibits lecithin:cholesterol acyltransferase (LCAT) activity in isolated rat, but not human, plasma by 32% when used at a concentration of 500 μM.

### Reference

1. Bell, F.P. Carnitine esters: Novel inhibitors of plasma lecithin: Cholesterol acyltransferase in experimental animals but not in man (*Homo sapiens*). *Int. J. Biochem.* **15(2)**, 133-136 (1983).

#### WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

#### SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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