



# 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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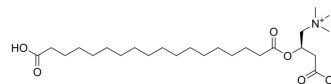
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## Octadecanedioic acid mono-L-carnitine ester

Cat. No.:	HY-W800825
CAS No.:	123233-50-1
Molecular Formula:	C <sub>25</sub> H <sub>47</sub> NO <sub>6</sub>
Molecular Weight:	457.64
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Octadecanedioic Acid Mono-L-carnitine ester is a liposome to simulate biological phospholipid membrane. Liposomes are the main component of vesicles with concentric phospholipid bilayer membranes, which can be used to construct drug delivery systems for anti-cancer and anti-infection fields. Highly polar water-soluble payloads can be trapped in the internal aqueous space of liposomes, while lipophilic payloads can partition into and become part of the lipid bilayer. Especially for delivering antisense oligonucleotides, it can overcome problems such as inefficient cellular uptake and rapid loss in the body<sup>[1]</sup>.

### REFERENCES

[1]. Juliano R L, et al. Liposomes as a drug delivery system for antisense oligonucleotides[J]. Antisense research and development, 1992, 2(2): 165-176.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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