



# 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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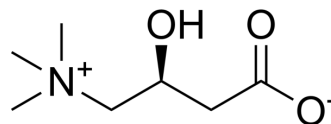
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## D-Carnitine (Standard)

Cat. No.:	HY-W012550R
CAS No.:	541-14-0
Molecular Formula:	C <sub>7</sub> H <sub>15</sub> NO <sub>3</sub>
Molecular Weight:	161.2
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

D-Carnitine (Standard) is the analytical standard of D-Carnitine. This product is intended for research and analytical applications. D-Carnitine is an orally available isomer of the essential nutrient L-carnitine that promotes long-chain fatty acid transport into the mitochondrial matrix for beta-oxidation. D-Carnitine has antiparasitic activity<sup>[1][2][3]</sup>.

### REFERENCES

- [1]. Manganaro M, et al. Activity of D-carnitine and its derivatives on Trypanosoma infections in rats and mice. Parasite. 2003 Jun;10(2):147-51.
- [2]. Stieger B, et al. Characterization of L-carnitine transport by rat kidney brush-border-membrane vesicles. Biochem J. 1995 Jul 15;309 ( Pt 2)(Pt 2):643-7.
- [3]. Xu S, et al. Transport of L-carnitine in human corneal and conjunctival epithelial cells. Mol Vis. 2010 Sep 4;16:1823-31.

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

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