



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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

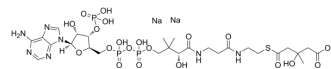
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

DL-3-Hydroxy-3-methylglutaryl coenzyme A disodium

Cat. No.:	HY-114294A
CAS No.:	103476-21-7
Molecular Formula:	$C_{27}H_{44}N_7Na_2O_{20}P_3S$
Molecular Weight:	957.64
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	DL-3-Hydroxy-3-methylglutaryl coenzyme A (HMG-CoA) disodium is a disodium salt compound of HMG-CoA, is a intermediate of terpenes and ketone bodies. DL-3-Hydroxy-3-methylglutaryl coenzyme A disodium also involves in ester metabolism in vivo, as a precursor for cholesterol synthesis, and regulates cholesterol synthesis by coupling LDL receptor ^[1] [2].
In Vitro	3-hydroxy-3-methylglutaryl CoA (HMG-CoA) comes from acetyl-coa and acetyl-CoA converted from HMG-CoA synthetase, mainly depends on oxidative reactions in mitochondria ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Millán Núñez-Cortés J, et al. Fármacos hipolipemiantes y PCSK9 [Lipid-lowering drugs and PCSK9]. Clin Investig Arterioscler. 2016 May;28 Suppl 2:9-13. Spanish.
- [2]. Wang Wei, et al. The Key Enzyme of Cholesterol Synthesis Pathway:HMG CoA Reductase and Disease. PROGRESS IN PHYSIOLOGICAL SCIENCES. 1999. (01):7-11.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA