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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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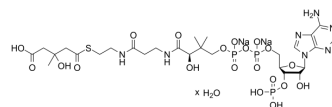
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DL-3-Hydroxy-3-methylglutaryl coenzyme A disodium hydrate

Cat. No.:	HY-114294A
CAS No.:	103476-21-7
Molecular Formula:	C ₂₇ H ₄₄ N ₇ Na ₂ O ₂₁ P ₃ S.xH ₂ O
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro H₂O : 50 mg/mL (Need ultrasonic and warming)

BIOLOGICAL ACTIVITY

Description DL-3-Hydroxy-3-methylglutaryl coenzyme A disodium hydrate 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 DL-3-Hydroxy-3-methylglutaryl coenzyme A disodium hydrate 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.

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