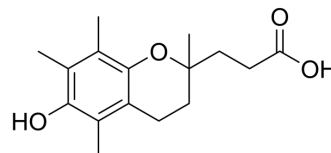


alpha-CEHC

Cat. No.:	HY-113269
CAS No.:	4072-32-6
Molecular Formula:	C ₁₆ H ₂₂ O ₄
Molecular Weight:	278.34
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

alpha-CEHC is a water-soluble metabolite of alpha-tocopherol (α -TOH) with potential antioxidant activity. alpha-CEHC slightly inhibits macrophage-induced low-density lipoprotein (LDL) oxidation, and its inhibitory potency is concentration-dependent^{[1][2]}.

REFERENCES

[1]. Li YJ, et al. Isolation and identification of alpha-CEHC sulfate in rat urine and an improved method for the determination of conjugated alpha-CEHC. J Agric Food Chem. 2008 Dec 10;56(23):11105-13.

[2]. Galli F, et al. A comparison between the antioxidant and peroxynitrite-scavenging functions of the vitamin E metabolites alpha- and gamma-carboxyethyl-6-hydroxychromans. Int J Vitam Nutr Res. 2004 Sep;74(5):362-73.

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

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