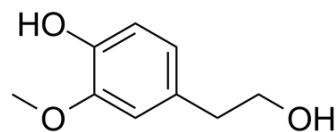


Homovanillyl alcohol

Cat. No.:	HY-N7513
CAS No.:	2380-78-1
Molecular Formula:	C ₉ H ₁₂ O ₃
Molecular Weight:	168.19
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description

Homovanillyl alcohol is a biological metabolite of Hydroxytyrosol. Hydroxytyrosol is a phenolic compound that is present in virgin olive oil (VOO) and wine. Homovanillyl alcohol protects red blood cells (RBCs) from oxidative injury and has protective effect on cardiovascular disease^{[1][2]}.

REFERENCES

[1]. Fátima Paiva-Martins, et al. Protective Activity of Hydroxytyrosol Metabolites on Erythrocyte Oxidative-Induced Hemolysis. *J Agric Food Chem.* 2013 Jul 10;61(27):6636-42.

[2]. Rafael De la Torre, et al. Protective Effect of Homovanillyl Alcohol on Cardiovascular Disease and Total Mortality: Virgin Olive Oil, Wine, and Catechol-Methylation. *Am J Clin Nutr.* 2017 Jun;105(6):1297-1304.

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

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