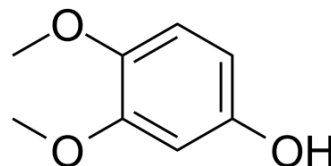


3,4-Dimethoxyphenol

Cat. No.:	HY-N1780
CAS No.:	2033-89-8
Molecular Formula:	C ₈ H ₁₀ O ₃
Molecular Weight:	154.16
Target:	Tyrosinase
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description

3,4-Dimethoxyphenol is a plant-derived phenylpropanoid compound and can use as a whitening agent in cosmetics. 3,4-Dimethoxyphenol has tyrosinase-inhibiting activity^[1]. 3,4-Dimethoxyphenol has potent antioxidant effect isolated from the bacterial fermentation broth^[2].

REFERENCES

[1]. Tanimoto S, et al. Synthesis and cosmetic whitening effect of glycosides derived from several phenylpropanoids. *Yakugaku Zasshi*. 2006 Mar;126(3):173-7.

[2]. Tomohiro Takaoa, et al. A Simple Screening Method for Antioxidants and Isolation of Several Antioxidants Produced by Marine Bacteria from Fish and Shellfish. *Bioscience, Biotechnology, and Biochemistry*. 1994, 58(10), 1780-1783.

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

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