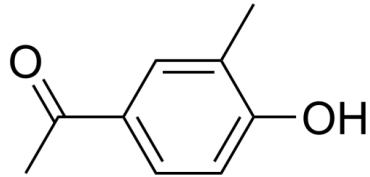


Data Sheet

Product Name:	4'-Hydroxy-3'-methylacetophenone
Cat. No.:	CS-W001663
CAS No.:	876-02-8
Molecular Formula:	C ₉ H ₁₀ O ₂
Molecular Weight:	150.18
Target:	Bacterial
Pathway:	Anti-infection
Solubility:	DMSO : 100 mg/mL (ultrasonic)



BIOLOGICAL ACTIVITY:

4'-Hydroxy-3'-methylacetophenone, a phenolic volatile compound, is isolated from Hawaiian green coffee beans (*Coffea Arabica* L.). 4'-Hydroxy-3'-methylacetophenone has potent antioxidant activities. 4'-Hydroxy-3'-methylacetophenone also can be used to synthesize heterocyclic compounds which have antimycobacterial activity^{[1][2]}.

References:

[1]. Lee KG, et, al. Analysis of volatile components isolated from Hawaiian green coffee beans (*Coffea arabica* L.). Flavour and Fragrance Journal. 2002 Sep; 17 (5): 349-351.

[2]. YAR MS, et, al. Synthesis and antimycobacterial activity of novel heterocycles. J. Serb. Chem. Soc. 72 (1) 5-11 (2007).

CAIndexNames:

Ethanone, 1-(4-hydroxy-3-methylphenyl)-

SMILES:

CC(C1=CC=C(O)C(C)=C1)=O

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

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