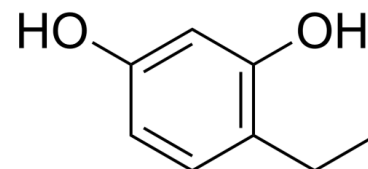


Data Sheet

Product Name:	4-Ethylresorcinol
Cat. No.:	CS-W016498
CAS No.:	2896-60-8
Molecular Formula:	C ₈ H ₁₀ O ₂
Molecular Weight:	138.17
Target:	Tyrosinase
Pathway:	Metabolic Enzyme/Protease
Solubility:	DMSO : 100 mg/mL (723.75 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

4-Ethylresorcinol, a derivative of resorcinol, can act as substrates of tyrosinase. 4-Ethylresorcinol possess hypopigmentary effects. 4-Ethylresorcinol attenuates mRNA and protein expression of tyrosinase-related protein (TRP)-2, and possessed antioxidative effect by inhibiting lipid peroxidation^{[1][2]}.

References:

[1]. Jimenez AG, et, al. Characterization of the action of tyrosinase on resorcinols. Bioorg Med Chem. 2016 Sep 15;24(18):4434-4443.

[2]. Lam RYY, et, al. Mechanistic studies of anti-hyperpigmentary compounds: elucidating their inhibitory and regulatory actions. Int J Mol Sci. 2014 Aug 21;15(8):14649-68.

CAIndexNames:

1,3-Benzenediol, 4-ethyl-

SMILES:

OC1=CC=C(CC)C(O)=C1

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

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