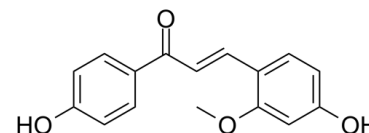


Data Sheet

Product Name:	Echinatin
Cat. No.:	CS-0008288
CAS No.:	34221-41-5
Molecular Formula:	C ₁₆ H ₁₄ O ₄
Molecular Weight:	270.28
Target:	Others
Pathway:	Others
Solubility:	DMSO : 125 mg/mL (462.48 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Echinatin is a chalcone isolated from the Chinese herbal medicine Gancao with hepatoprotective and anti-inflammatory effects^[1]. Echinatin can be quickly absorbed and eliminated and extensively distributed with an absolute bioavailability of approximately 6.81% in Rat^[2].

References:

[1]. Liang M, et al. Antioxidant Mechanisms of Echinatin and Licochalcone A. *Molecules*. 2018 Dec 20;24(1).

[2]. Inoue B, et al. The effects of echinatin and its related compounds on the mitochondrial energy transfer reaction. *J Toxicol Sci*. 1982 Nov;7(4):245-54.

CAIndexNames:

2-Propen-1-one, 3-(4-hydroxy-2-methoxyphenyl)-1-(4-hydroxyphenyl)-, (2E)-

SMILES:

O=C(C1=CC=C(O)C=C1)/C=C/C2=CC=C(O)C=C2OC

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

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