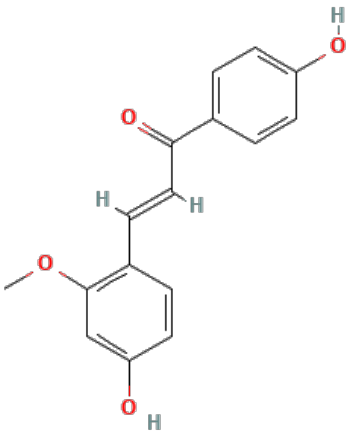
CD BioGlyco
SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-637-6119 | Email: info@bioglyco.com

Product Information

Echinatin



Cat. No.: X23-04-XQ468

Size: 10 mg; 20 mg; 50 mg; 100 mg

MDL: MFCD00075719

CAS Number: 34221-41-5

Compound CID: 6442675

Synonym: 34221-41-5; *E*Chinatin; Retrochalcone;

3-(4-Hydroxy-2-methoxyphenyl)-1-(4-hydroxyphenyl)prop-2-en-1-one;

(*E*)-3-(4-Hydroxy-2-methoxyphenyl)-1-(4-hydroxyphenyl)prop-2-en-1-one;

(*E*)-3-(4-Hydroxy-2-methoxy-phenyl)-1-(4-hydroxy-phenyl)-propenone

This product is for research use only and is not intended for diagnostic use.

Product Information

Description	Echinatin is a chalcone with hepatoprotective and anti-inflammatory effects.
Molecular Weight	270.28
Molecular Formula	$C_{16}H_{14}O_4$
IUPAC Name	(*E*)-3-(4-Hydroxy-2-methoxyphenyl)-1-(4-hydroxyphenyl)prop-2-en-1-one
InChI	InChI=1S/C16H14O4/c1-20-16-10-14(18)8-4-12(16)5-9-15(19)11-2-6-13(17)7-3-11/h2-10,17-18H,1H3/b9-5+
InChI Key	QJKMIJNRNRLQSS-WEVVVXLNSA-N
Canonical SMILES	COC1=C(C=CC(=C1)O)C=CC(=O)C2=CC=C(C=C2)O
Isomeric SMILES	COC1=C(C=CC(=C1)O)/C=C/C(=O)C2=CC=C(C=C2)O
Source	The roots and tuber of *Leguminosae Glycyrrhiza uralensis Fisch*
Form	Yellow clusters
Purity	>98%, determined by HPLC.
Identity	Confirmed by NMR and MS.
Stability	The product is stable for two years when stored at the recommended temperature.
Applications	Echinatin can be used for hepatoprotective and anti-inflammatory effect experiments, *etc*.
Storage	Store at 4°C. Protect from light.

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Safety Information

Personal Protective Equipment	Gloves, eyeshields, N95 mask