

Product Information

Ethyl ferulate

Cat. No.: X23-04-XQ527

Size: 20 mg; 50 mg; 100 mg; 200 mg

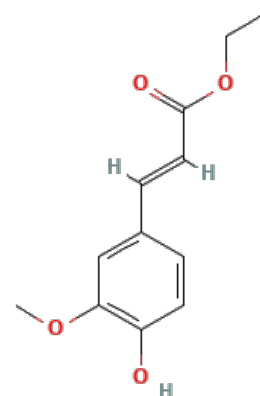
CAS Number: 4046-02-0

Compound CID: 736681

Synonym: 4046-02-0; Ethyl ferulate; Ferulic acid ethyl ester; Ethyl

3-(4-hydroxy-3-methoxyphenyl)acrylate; Ethyl 4'-hydroxy-3'-methoxycinnamate; Ethyl 4-hydroxy-3-methoxycinnamate

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



Product Information

Description	Ethyl ferulate is the alkyl ester derivative of ferulic acid which is a naturally occurring plant product with anti-oxidative, anti-inflammatory, neuroprotective, and antiproliferative activities.
Molecular Formula	C ₁₂ H ₁₅ O ₄
IUPAC Name	Ethyl (E)-3-(4-hydroxy-3-methoxyphenyl)prop-2-enoate
InChI	InChI=1S/C12H14O4/c1-3-16-12(14)7-5-9-4-6-10(13)11(8-9)15-2/h4-8,13H,3H2,1-2H3/b7-5+
InChI Key	ATJVZXXHKSVELS-FNORWQNLSA-N
Canonical SMILES	CCOC(=O)C=CC1=CC(=C(C=C1)O)OC
Isomeric SMILES	CCOC(=O)/C=C/C1=CC(=C(C=C1)O)OC
Source	Active ingredients extracted from various traditional Chinese medicines such as angelica and chuanxiong
Form	Colorless oil
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	Ethyl ferulate can be used for the study of cardiovascular and cerebrovascular disease, etc.
Storage	Store at 4°C. Protect from light.

Safety Information

Personal Protective Gloves, eyeshields, N95 mask



Equipment
