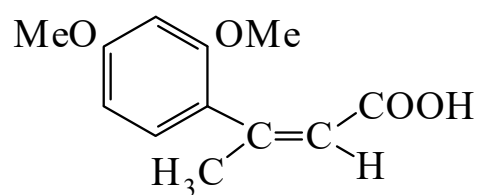




>>Entry Name: 3-(2,4-Dimethoxyphenyl)-2-butenic acid, 9CI

Synonym(s): 2,4-Dimethoxy-β-methylcinnamic acid, 8CI. 3-(2,4-Dimethoxyphenyl)crotonic acid. Dimecrotic acid, INN



CAS Registry Number: 7706-67-4

Type of Compound Code(s): XA3100 XA2250

Molecular Formula: C₁₂H₁₄O₄

Molecular Weight: 222.24

Accurate Mass: 222.08921

Percentage Composition: C 64.85%; H 6.35%; O 28.80%

Use/Importance: Choleric, spasmolytic agent

Calculated Log P Data: Log P 2.5 (calc)

>>Variant: (Z)-(?) -form

CAS Registry Number: 54283-64-6

Molecular Formula: C₁₂H₁₄O₄

Molecular Weight: 222.24

Accurate Mass: 222.08921

Percentage Composition: C 64.85%; H 6.35%; O 28.80%

Melting Point: Mp 149°

>>Derivative: Mg salt

Synonym(s): Hepadial. Fisiobil. Hepadoddi

CAS Registry Number: 54283-65-7

Melting Point: Mp 135°

Hazard & Toxicity: LD₅₀ (rat, ipr) 1 mg/kg

References:

Ger. Pat., 1969, *Unicler*, 1 915 023; *CA*, **72**, 66630y, (*synth, pharmacol*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 1362