



>>>Derivative: 3-Me ether, docosyl ester
Synonym(s): Docosyl 3-hydroxyferulate

Molecular Formula: C₃₂H₅₄O₅
Molecular Weight: 518.776
Accurate Mass: 518.397125
Percentage Composition: C 74.09%; H 10.49%; O 15.42%
Biological Source: Constit. of the pericarp of *Platycladus orientalis*
Melting Point: Mp 60-61°
UV: [neutral] λ_{max} 240 (log ε 4.22); 320 (log ε 3.91); 348 (log ε 3.74) (MeOH)

>>>Derivative: 3,5-Di-Me ether
Synonym(s): 4-Hydroxy-3,5-dimethoxycinnamic acid. **Sinapic acid.** Sinapinic acid

CAS Registry Number: 530-59-6

Molecular Formula: C₁₁H₁₂O₅
Molecular Weight: 224.213
Accurate Mass: 224.068475
Percentage Composition: C 58.93%; H 5.39%; O 35.68%
Biological Source: A common constit. of plants and fruits. Found by Bate-Smith in 26% of investigated dicotyledonous and 57% of monocotyledonous spp.
Physical Description: Yellow needles (EtOH)
Melting Point: Mp 192°

>>>Derivative: 3,5-Di-Me ether, Me ester

CAS Registry Number: 42041-51-0
Molecular Formula: C₁₂H₁₄O₅
Molecular Weight: 238.24
Percentage Composition: C 60.50%; H 5.92%; O 33.58%
Physical Description: Needles (EtOH aq.)
Melting Point: Mp 88°. Mp 90-92°

>>>Derivative: 3,5-Di-Me ether, choline ester

>>>Derivative: 3,5-Di-Me ether, β-D-glucopyranosyl ester
Synonym(s): **Raphanusol B.** 1-Sinapoylglucose

CAS Registry Number: 78185-48-5

Molecular Formula: C₁₇H₂₂O₁₀
Molecular Weight: 386.355
Accurate Mass: 386.1213
Percentage Composition: C 52.85%; H 5.74%; O 41.41%

Physical Description: Pale yellow needles
Melting Point: Mp 123-124°

>>>Derivative: 3,5-Di-Me ether, 4-O-β-D-glucopyranoside
Synonym(s): 4'-O-Glucopyranosylsinapic acid

CAS Registry Number: 117405-52-4

Molecular Formula: C₁₇H₂₂O₁₀
Molecular Weight: 386.355
Accurate Mass: 386.1213
Percentage Composition: C 52.85%; H 5.74%; O 41.41%
Biological Source: Constit. of the roots of *Asiasarum sieboldi*