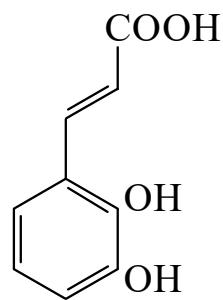




>>Entry Name: **3-(2,3-Dihydroxyphenyl)-2-propenoic acid**, 9CI

Synonym(s): 2,3-Dihydroxycinnamic acid. Anthenobilic acid



CAS Registry Number: 31082-90-3

Type of Compound Code(s): VG0060

Molecular Formula: C₉H₈O₄

Molecular Weight: 180.16

Accurate Mass: 180.04226

Percentage Composition: C 60.00%; H 4.48%; O 35.52%

>>Variant: (*E*)-form

CAS Registry Number: 38481-04-8

Molecular Formula: C₉H₈O₄

Molecular Weight: 180.16

Accurate Mass: 180.04226

Percentage Composition: C 60.00%; H 4.48%; O 35.52%

Biological Source: Identified in *Anthemis nobilis*

Melting Point: Mp 218° (dec.)

>>Derivative: 3-Me ether

Synonym(s): 3-(2-Hydroxy-3-methoxyphenyl)-2-propenoic acid, 9CI. 2-Hydroxy-3-methoxycinnamic acid. *o*-Ferulic acid. Orthoferulic acid

CAS Registry Number: 3626-94-6

Type of Compound Code(s): VG0060

Molecular Formula: C₁₀H₁₀O₄

Molecular Weight: 194.187

Accurate Mass: 194.05791

Percentage Composition: C 61.85%; H 5.19%; O 32.96%

Biological Source: Present in wheat shoots

Melting Point: Mp 183-184°

>>Derivative: Di-Me ether

Synonym(s): 3-(2,3-Dimethoxyphenyl)-2-propenoic acid, 9CI. 2,3-Dimethoxycinnamic acid, 8CI

CAS Registry Number: 7345-82-6

Extra CAS Registry Numbers(s): 7461-60-1

Molecular Formula: C₁₁H₁₂O₄

Molecular Weight: 208.213

Accurate Mass: 208.07356

Percentage Composition: C 63.45%; H 5.81%; O 30.74%

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 182-184°

>>Derivative: Di-Me ether, Me ester

CAS Registry Number: 15854-60-1

Molecular Formula: C₁₂H₁₄O₄

Molecular Weight: 222.24

Accurate Mass: 222.08921

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

Physical Description: Cryst.

Melting Point: Mp 53-54°