



Physical Description: Plates (H₂O)

Melting Point: Mp 89-90°

Rare Chemicals Library: S14959-4

>>**Derivative:** 3-Me ether, 4-*O*-β-D-glucopyranoside, Me ester

Synonym(s): Citrusin E

CAS Registry Number: 134860-03-0

Type of Compound Code(s): VG0060 WI2000

Biological Source: Isol. from oil of lemon peel (*Citrus limon*)

Use/Importance: Hypotensive agent in rats

Melting Point: Mp 108°

Optical Rotation: [α]_D¹⁷ -35.68 (c, 0.1 in MeOH)

>>**Derivative:** 4-Me ether

Synonym(s): 3-(3-Hydroxy-4-methoxyphenyl)propanoic acid. Hydroisoferulic acid

CAS Registry Number: 1135-15-5

Molecular Formula: C₁₀H₁₂O₄

Molecular Weight: 196.202

Accurate Mass: 196.07356

Percentage Composition: C 61.22%; H 6.16%; O 32.62%

Physical Description: Needles (H₂O)

Melting Point: Mp 146°

>>**Derivative:** 4-Me ether, Me ester

Molecular Formula: C₁₁H₁₄O₄

Molecular Weight: 210.229

Accurate Mass: 210.08921

Percentage Composition: C 62.85%; H 6.71%; O 30.44%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 94-95°

>>**Derivative:** Di-Me ether

Synonym(s): 3-(3,4-Dimethoxyphenyl)propanoic acid. 3,4-Dimethoxyhydrocinnamic acid

CAS Registry Number: 2107-70-2

Molecular Formula: C₁₁H₁₄O₄

Molecular Weight: 210.229

Accurate Mass: 210.08921

Percentage Composition: C 62.85%; H 6.71%; O 30.44%

Physical Description: Needles

Melting Point: Mp 98-99° (anhyd.)

Aldrich: 16234-5

Fluka: 38785

Rare Chemicals Library: S31888-4

>>**Derivative:** Di-Me ether, amide

Synonym(s): 3-(3,4-Dimethoxyphenyl)propanamide

CAS Registry Number: 14773-41-2

Type of Compound Code(s): VX2020

Molecular Formula: C₁₁H₁₅NO₃

Molecular Weight: 209.244

Accurate Mass: 209.105194

Percentage Composition: C 63.14%; H 7.23%; N 6.69%; O 22.94%

Biological Source: Alkaloid from *Piper arboricola*

Physical Description: Needles (C₆H₆)

Melting Point: Mp 120-121°