



>>Derivative: 3',5-Di-Me ether, 9'-O-(4-hydroxy-3-methoxycinnamoyl)(E-), 9-O-(4-hydroxy-3-methoxycinnamoyl)(Z-)

Synonym(s): Boehmenan B

CAS Registry Number: 171869-65-1

Molecular Formula: C₄₀H₄₀O₁₂

Molecular Weight: 712.749

Accurate Mass: 712.25198

Percentage Composition: C 67.41%; H 5.66%; O 26.94%

Biological Source: Constit. of *Ochroma lagopus*

>>Derivative: 3',5-Di-Me ether, 9'-O-(4-hydroxy-3-methoxycinnamoyl)(Z-), 9-O-(4-hydroxy-3-methoxycinnamoyl)(E-)

Synonym(s): Boehmenan C

CAS Registry Number: 171868-04-5

Molecular Formula: C₄₀H₄₀O₁₂

Molecular Weight: 712.749

Accurate Mass: 712.25198

Percentage Composition: C 67.41%; H 5.66%; O 26.94%

Biological Source: Constit. of *Ochroma lagopus*

>>Derivative: 3',5-Di-Me ether, 9,9'-bis-O-(4-hydroxy-3-methoxycinnamoyl)(E,E-)

Synonym(s): Boehmenan

CAS Registry Number: 57296-22-7

Molecular Formula: C₄₀H₄₀O₁₂

Molecular Weight: 712.749

Accurate Mass: 712.25198

Percentage Composition: C 67.41%; H 5.66%; O 26.94%

Biological Source: Constit. of *Boehmeria tricuspid* and *Ochroma lagopus*

Physical Description: Powder

>>Derivative: 3',4',5-Tri-Me ether

CAS Registry Number: 166021-14-3

Extra CAS Registry Numbers(s): 127179-41-3

Molecular Formula: C₂₁H₂₆O₆

Molecular Weight: 374.433

Accurate Mass: 374.17294

Percentage Composition: C 67.36%; H 7.00%; O 25.64%

Biological Source: Constit. of *Croton* spp.

Optical Rotation: $[\alpha]_D^{23} -8.5$ (c, 0.25 in CHCl₃)

Other Data: Abs. config. revised in 1999. Formerly assigned as dimethylcedrusin

>>Derivative: 3',4'-Methylene, 5-Me ether

Synonym(s): 9,9'-Dihydroxy-5-methoxy-3',4'-methylenedioxy-4,7'-epoxylignan

Molecular Formula: C₂₀H₂₂O₆

Molecular Weight: 358.39

Accurate Mass: 358.14164

Percentage Composition: C 67.03%; H 6.19%; O 26.79%

Biological Source: Constit. of *Taiwania cryptomerioides*

Optical Rotation: $[\alpha]_D^{25} -12$ (c, 1.1 in MeOH)

>>Derivative: 5'-Methoxy, 3',5-di-Me ether, 9-O-β-D-glucopyranoside

Synonym(s): Tortoside E

CAS Registry Number: 176903-29-0

Molecular Formula: C₂₇H₃₆O₁₂

Molecular Weight: 552.574

Accurate Mass: 552.22068

Percentage Composition: C 58.69%; H 6.57%; O 34.75%

Biological Source: Constit. of *Pedicularis torta*

Optical Rotation: $[\alpha]_D +3.3$ (c, 0.6 in MeOH)