



Molecular Formula: C₁₃H₁₈O₈
Molecular Weight: 302.28
Accurate Mass: 302.10017
Percentage Composition: C 51.66%; H 6.00%; O 42.34%
Biological Source: Isol. from *Ampelopsis*, *Isotachis*, *Berchemia* and *Picea* spp.
Melting Point: Mp 202° (191-192°)
Optical Rotation: [α]_D -54.5 (MeOH)

>> **Derivative:** 2-Me ether, 1-*O*-[3,4,5-trihydroxybenzoyl-($\rightarrow$ 6)- β -D-glucopyranoside]
Synonym(s): 2-Methoxy-4-hydroxyphenyl 1-*O*-(6-*O*-galloyl- β -D-glucopyranoside)

CAS Registry Number: 125288-20-2

Molecular Formula: C₂₀H₂₂O₁₂
Molecular Weight: 454.387
Accurate Mass: 454.11113
Percentage Composition: C 52.87%; H 4.88%; O 42.25%
Biological Source: Isol. from leaves of *Mallotus japonicus*
Physical Description: Amorph. powder + 1½H₂O
Optical Rotation: [α]_D¹³ -36.6 (c, 1.3 in Me₂CO aq.)

>> **Derivative:** 2-Me ether, 1-*O*-[4-hydroxy-3-methoxybenzoyl-($\rightarrow$ 6)- β -D-glucopyranoside], 4-*O*-[4-hydroxy-3,5-dimethoxybenzoyl-($\rightarrow$ 6)- β -D-glucopyranoside]
Synonym(s): Ehletianol A

Molecular Formula: C₃₆H₄₂O₂₀
Molecular Weight: 794.716
Accurate Mass: 794.22695
Percentage Composition: C 54.41%; H 5.33%; O 40.26%
Biological Source: Constit. of the bark of *Ehretia ovalifolia*
Physical Description: Amorph. powder
Optical Rotation: [α]_D²⁰ -14.9 (c, 3.5 in Py)

>> **Derivative:** 2-Me ether, 4-*O*- β -D-glucopyranoside
Synonym(s): Tachioside

CAS Registry Number: 109194-60-7

Molecular Formula: C₁₃H₁₈O₈
Molecular Weight: 302.28
Accurate Mass: 302.10017
Percentage Composition: C 51.66%; H 6.00%; O 42.34%
Biological Source: Constit. of *Berchemia*, *Betula*, *Osmanthus* and *Picea abies*
Physical Description: Needles (MeOH)
Melting Point: Mp 211-213°
Optical Rotation: [α]_D -58 (c, 0.3 in MeOH)

>> **Derivative:** 2-Me ether, 4-*O*-[3,4,5-trihydroxybenzoyl-($\rightarrow$ 6)- β -D-glucopyranoside]
Synonym(s): 3-Methoxy-4-hydroxyphenyl 1-*O*-(6-*O*-galloyl- β -D-glucopyranoside)

CAS Registry Number: 109194-55-0

Molecular Formula: C₂₀H₂₂O₁₂
Molecular Weight: 454.387
Accurate Mass: 454.11113
Percentage Composition: C 52.87%; H 4.88%; O 42.25%
Biological Source: Tannin constit. of *Mallotus japonicus*, *Quercus mongolica* and *Quercus acutissima*
Physical Description: Amorph. powder + 1H₂O
Optical Rotation: [α]_D²⁵ -31.3 (c, 0.5 in Me₂CO)