



Accurate Mass: 304.058305
Percentage Composition: C 59.22%; H 3.98%; O 36.81%
Biological Source: Constit. of *Xanthoceras sorbifolia*
Physical Description: Needles
Melting Point: Mp 219-220°
Optical Rotation: $[\alpha]_{\text{D}} -20.6$ (c, 0.32 in Me₂CO)

>>Derivative: 3-*O*-β-D-Xylopyranoside

CAS Registry Number: 109430-52-6

Molecular Formula: C₂₀H₂₀O₁₁
Molecular Weight: 436.371
Accurate Mass: 436.100565
Percentage Composition: C 55.05%; H 4.62%; O 40.33%
Biological Source: Constit. of *Thujopsis dolabrata*
Physical Description: Amorph. powder
Optical Rotation: $[\alpha]_{\text{D}}^{21} -122.2$ (c, 1.00 in Me₂CO)

>>Derivative: 3-*O*-β-D-Glucopyranoside

CAS Registry Number: 129212-92-6

Molecular Formula: C₂₁H₂₂O₁₂
Molecular Weight: 466.398
Percentage Composition: C 54.08%; H 4.75%; O 41.17%
Biological Source: Constit. of *Agrimonia pilosa* and *Fagus sylvatica*
Melting Point: Mp 180-190°
Optical Rotation: $[\alpha]_{\text{D}}^{20} -20$ (c, 0.3 in MeOH)

>>Derivative: 3-*O*-α-L-Rhamnopyranoside

Synonym(s): Neoastilbin

CAS Registry Number: 54081-47-9

Molecular Formula: C₂₁H₂₂O₁₁
Molecular Weight: 450.398
Accurate Mass: 450.116215
Percentage Composition: C 56.00%; H 4.92%; O 39.08%
Biological Source: Constit. of *Engelhardtia chrysolepis*

>>Derivative: 3-*O*-[β-D-Glucopyranosyl-(1→3)-α-L-rhamnopyranoside]

Synonym(s): Neohuangquioside E

CAS Registry Number: 138876-25-2
Molecular Formula: C₂₇H₃₂O₁₆
Molecular Weight: 612.54
Accurate Mass: 612.16904
Percentage Composition: C 52.94%; H 5.27%; O 41.79%
Source/Synthesis: Synthetic
Physical Description: Powder
Optical Rotation: $[\alpha]_{\text{D}}^{18} -103$ (c, 0.21 in EtOH)

>>Variant: (2*RS*,3*RS*)-form

Synonym(s): (±)-*trans*-form

CAS Registry Number: 24198-97-8

Molecular Formula: C₁₅H₁₂O₇
Molecular Weight: 304.256
Accurate Mass: 304.058305
Percentage Composition: C 59.22%; H 3.98%; O 36.81%
Biological Source: Constit. of *Machilus thunbergi*
Melting Point: Mp 234-236°