



Molecular Formula: C₂₀H₃₀O₁₃
Molecular Weight: 478.449
Accurate Mass: 478.168645
Percentage Composition: C 50.21%; H 6.32%; O 43.47%
Biological Source: Constit. of *Ailanthus integrifolia*
Physical Description: Needles (Me₂CO aq.)
Melting Point: Mp 219-221°
Optical Rotation: [α]_D²⁵ -31.9 (c, 1.1 in MeOH)

>>>**Derivative:** 1,2,3-Tri-Me ether, 5-*O*-[α -L-rhamnopyranosyl-(1→6)- β -D-glucopyranoside]
Synonym(s): 3,4,5-Trimethoxyphenyl rutinoside. Antiarol rutinoside

Molecular Formula: C₂₁H₃₂O₁₃
Molecular Weight: 492.476
Accurate Mass: 492.184295
Percentage Composition: C 51.22%; H 6.55%; O 42.23%
Biological Source: Constit. of *Ravensara anisata*
Physical Description: Amorph. powder
Melting Point: Mp 117-120°
Optical Rotation: [α]_D -98 (c, 0.05 in MeOH)
UV: [neutral] $\lambda_{\max}$ 220 (log ϵ 3.6); 275 (log ϵ 2.7) (MeOH)

>>>**Derivative:** 1,2,3-Tri-Me ether, 5-*O*-[β -D-apiofuranosyl-(1→2)- β -D-glucopyranoside]

CAS Registry Number: 142542-79-8

Molecular Formula: C₂₀H₃₀O₁₃
Molecular Weight: 478.449
Accurate Mass: 478.168645
Percentage Composition: C 50.21%; H 6.32%; O 43.47%
Biological Source: Isol. from the stem bark of *Albizzia julibrissin*
Physical Description: Powder
Optical Rotation: [α]_D²⁵ -89.5 (c, 0.1 in MeOH)

>>>**Derivative:** 1,2,3-Tri-Me ether, 5-*O*-[β -D-apiofuranosyl-(1→6)- β -D-glucopyranoside]
Synonym(s): Kelampayoside A

CAS Registry Number: 87562-76-3

Molecular Formula: C₂₀H₃₀O₁₃
Molecular Weight: 478.449
Accurate Mass: 478.168645
Percentage Composition: C 50.21%; H 6.32%; O 43.47%
Biological Source: Isol. from *Cinnamomum cassia*, *Betula ermanii* and *Anthocephalus chinensis*
Physical Description: Amorph. powder, needles (as hexa-Ac)
Melting Point: Mp 132-134° (hexa-Ac)
Optical Rotation: [α]_D²⁵ -99.8 (c, 0.5 in MeOH) (-81.7)
UV: [neutral] $\lambda_{\max}$ 205 (ϵ 42660); 225 (ϵ 12300); 275 (ϵ 3800) (MeOH)

>>>**Derivative:** 1,2,3-Tri-Me ether, 5-*O*-[3,4-dihydroxy-*E*-cinnamoyl-(→5)- β -D-apiofuranosyl-(1→6)- β -D-glucopyranoside]
Synonym(s): Kelampayoside B

CAS Registry Number: 178494-12-7

Molecular Formula: C₂₉H₃₆O₁₆
Molecular Weight: 640.594
Accurate Mass: 640.20034
Percentage Composition: C 54.37%; H 5.66%; O 39.96%
Biological Source: Constit. of the bark of *Anthocephalus chinensis*
Physical Description: Amorph. solid
Optical Rotation: [α]_D²⁶ -70.3 (c, 0.8 in MeOH)
UV: [neutral] $\lambda_{\max}$ 238 (sh) (); 296 (log ϵ 4.09); 327 (log ϵ 4.21) (MeOH)