



UV: [neutral] $\lambda_{\max}$ 230 (ϵ 54500); 267 (ϵ 3370); 273 (ϵ 3700); 281 (ϵ 3370) (MeOH) (Derep)

>>Derivative: 7-*O*-(3-Methyl-2-butenyl)

Synonym(s): Anisocoumarin G

CAS Registry Number: 123172-41-8

Molecular Formula: C₁₉H₂₄O₅

Molecular Weight: 332.396

Accurate Mass: 332.162375

Percentage Composition: C 68.66%; H 7.28%; O 24.07%

Biological Source: Constit. of *Clausena anisata*

Physical Description: Yellow oil

Optical Rotation: $[\alpha]_{\text{D}}^{25}$ +32.5 (c, 1.07 in CHCl₃)

UV: [neutral] $\lambda_{\max}$ 238 (sh) (ϵ 4680); 250 (ϵ 4170); 260 (ϵ 4170); 325 (ϵ 12300) (EtOH) (Derep)

>>Derivative: 7-Me ether, 3'-*O*- β -D-glucopyranoside

CAS Registry Number: 111598-15-3

Molecular Formula: C₂₁H₂₈O₁₀

Molecular Weight: 440.446

Accurate Mass: 440.16825

Percentage Composition: C 57.27%; H 6.41%; O 36.33%

Biological Source: Constit. of *Citrus flavedo*

>>Derivative: 7-Me ether, 2'-ester with quinic acid

Synonym(s): Tschimganic ester A

Molecular Formula: C₂₂H₂₈O₁₀

Molecular Weight: 452.457

Accurate Mass: 452.16825

Percentage Composition: C 58.40%; H 6.24%; O 35.36%

Biological Source: Constit. of *Prangos tschimganica*

Physical Description: Oil

Optical Rotation: $[\alpha]_{\text{D}}^{25}$ -5 (c, 0.2 in MeOH)

UV: [neutral] $\lambda_{\max}$ 250 (log ϵ 4.1); 264 (log ϵ 4.02); 321 (log ϵ 3.89) (MeOH)

>>Derivative: 7-Me ether, 2'-Et ether

CAS Registry Number: 139682-31-8

Molecular Formula: C₁₇H₂₂O₅

Molecular Weight: 306.358

Accurate Mass: 306.146725

Percentage Composition: C 66.65%; H 7.24%; O 26.11%

Biological Source: Constit. of *Murraya exotica* leaves

Other Data: Possible artifact

>>Derivative: 7-Me ether, 3'-Et ether

Synonym(s): Yuehgesin C

CAS Registry Number: 125072-68-6

Molecular Formula: C₁₇H₂₂O₅

Molecular Weight: 306.358

Accurate Mass: 306.146725

Percentage Composition: C 66.65%; H 7.24%; O 26.11%

Biological Source: Constit. of *Seseli tortuosum* and *Murraya paniculata*

Optical Rotation: $[\alpha]_{\text{D}}$ +22.2 (CHCl₃)