



Molecular Formula: C₃₉H₅₄O₇
Molecular Weight: 634.851
Accurate Mass: 634.386955
Percentage Composition: C 73.79%; H 8.57%; O 17.64%
Biological Source: Constit. of Goreishi (the faeces of *Trogopterus xanthipis*)
Physical Description: Cryst. (MeOH)
Melting Point: Mp 245-247°
Optical Rotation: [α]_D²⁵ +25 (c, 0.3 in MeOH)
Solubility: BERDY SOL: Sol. MeOH, CHCl₃; fairly sol. H₂O; poorly sol. hexane
UV: [neutral] $\lambda_{\max}$ 225 (); 303 (); 314 () (MeOH) (Berdy)

>> **Derivative:** 3-*O*-(4-Hydroxy-*Z*-cinnamoyl)
Synonym(s): 3-*cis-p*-Coumaroyltormentic acid

CAS Registry Number: 121072-40-0

Molecular Formula: C₃₉H₅₄O₇
Molecular Weight: 634.851
Accurate Mass: 634.386955
Percentage Composition: C 73.79%; H 8.57%; O 17.64%
Biological Source: Constit. of Goreishi
Physical Description: Cryst. (MeOH)
Melting Point: Mp 238-240°
Optical Rotation: [α]_D²⁵ +2.1 (c, 0.19 in MeOH)
Solubility: BERDY SOL: Sol. MeOH, CHCl₃; fairly sol. H₂O; poorly sol. hexane
UV: [neutral] $\lambda_{\max}$ 225 (); 302 (); 313 () (MeOH) (Berdy)

>> **Derivative:** 3-*O*-(3,4-Dihydroxy-*E*-cinnamoyl)
Synonym(s): 3-*trans*-Caffeoyltormentic acid

CAS Registry Number: 144604-16-0

Molecular Formula: C₃₉H₅₄O₈
Molecular Weight: 650.851
Accurate Mass: 650.38187
Percentage Composition: C 71.97%; H 8.36%; O 19.67%
Biological Source: Constit. of *Eriobotrya japonica*
Optical Rotation: [α]_D²⁵ +1.2 (c, 1 in MeOH)
UV: [base] $\lambda_{\max}$ 217 (ϵ); 380 (ϵ) (EtOH/NaOH) (Derep) [neutral] $\lambda_{\max}$ 221 (ϵ 20900); 235 (ϵ); 246 (ϵ); 302 (ϵ); 333 (ϵ) (EtOH) (Derep)

>> **Derivative:** 2-Ketone
Synonym(s): 3,19-Dihydroxy-2-oxo-12-ursen-28-oic acid. **Pirolonic acid.** 2-Oxopomolic acid

CAS Registry Number: 54963-52-9

Molecular Formula: C₃₀H₄₆O₅
Molecular Weight: 486.69
Accurate Mass: 486.334525
Percentage Composition: C 74.04%; H 9.53%; O 16.44%
Biological Source: Constit. of wood of *Malus pumila* infected by *Chondrostereum purpureum*
Physical Description: Amorph. solid
Melting Point: Mp 204-209°

>> **Derivative:** 2-Ketone, β -D-glucopyranosyl ester
Synonym(s): 2-Oxopomolic acid glucopyranosyl ester

CAS Registry Number: 146356-81-2

Molecular Formula: C₃₆H₅₆O₁₀
Molecular Weight: 648.832
Accurate Mass: 648.38735
Percentage Composition: C 66.64%; H 8.70%; O 24.66%
Biological Source: Constit. of *Sanguisorba alpina*
Physical Description: Platelets
Melting Point: Mp 142-143.5°
Optical Rotation: [α]_D¹⁶ +14.5 (c, 1.48 in Py)