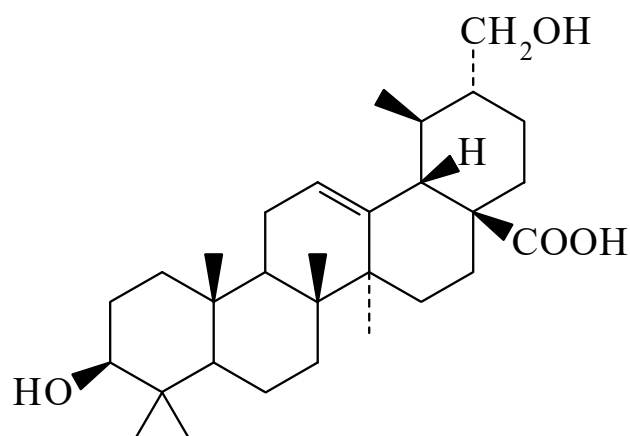




>>Entry Name: 3,30-Dihydroxy-12-ursen-28-oic acid



Molecular Formula: C₃₀H₄₈O₄

Molecular Weight: 472.707

Accurate Mass: 472.35526

Percentage Composition: C 76.23%; H 10.23%; O 13.54%

>>Variant: 3 β -form

Synonym(s): Rubifolic acid. 30-Hydroxyursolic acid

CAS Registry Number: 80489-65-2

Type of Compound Code(s): VS8650

Molecular Formula: C₃₀H₄₈O₄

Molecular Weight: 472.707

Accurate Mass: 472.35526

Percentage Composition: C 76.23%; H 10.23%; O 13.54%

Biological Source: Isol. from *Rubia cordifolia* and *Randia siamensis*

Physical Description: Flakes

Melting Point: Mp 286-287°

Optical Rotation: [α]_D +58.8 (c, 0.19 in EtOH)

>>Derivative: 3-O-(4-Hydroxycinnamoyl)

Synonym(s): Rubicoumaric acid

CAS Registry Number: 80489-66-3

Type of Compound Code(s): VS8650

Molecular Formula: C₃₉H₅₄O₆

Molecular Weight: 618.852

Accurate Mass: 618.39204

Percentage Composition: C 75.69%; H 8.79%; O 15.51%

Biological Source: Isol. from *Rubia cordifolia*

Physical Description: Amorph.

Melting Point: Mp 215°

Optical Rotation: [α]_D +24.5 (c, 0.17 in CHCl₃)

UV: [neutral] $\lambda_{\max}$ 210 (log ϵ 4.55); 314 (log ϵ 4.56) (EtOH)

>>Derivative: 30-O-(4-Hydroxycinnamoyl)

Synonym(s): Zamanic acid

CAS Registry Number: 260393-05-3

Type of Compound Code(s): VS8650

Molecular Formula: C₃₉H₅₄O₆

Molecular Weight: 618.852

Accurate Mass: 618.39204

Percentage Composition: C 75.69%; H 8.79%; O 15.51%

Biological Source: Constit. of *Plumeria obtusa*

Optical Rotation: [α]_D²⁷ +26 (c, 0.15 in CHCl₃)

UV: [neutral] $\lambda_{\max}$ 202 (); 311 () (MeOH)

References:

Talapatra, S.K. *et al.*, *Phytochemistry*, 1981, **20**, 1923, (*isol, uv, ir, cmr, ms*)

Woo, W.S. *et al.*, *Arch. Pharmacal Res.*, 1984, **7**, 57, (*isol*)

Siddiqui, B.S. *et al.*, *Phytochemistry*, 1999, **52**, 1111-1115, (*Zamanic acid*)