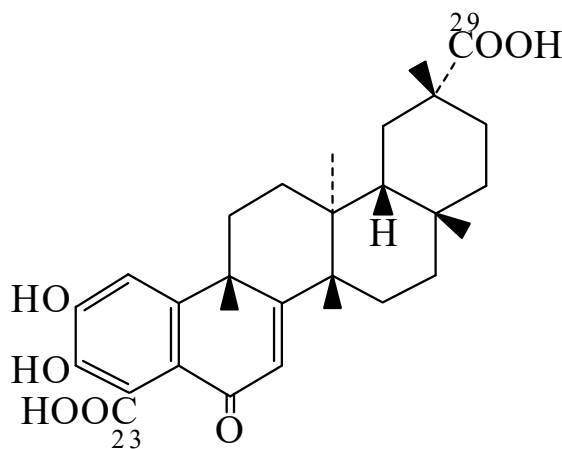




>>Entry Name: 2,3-Dihydroxy-6-oxo-24-nor-1,3,5(10),7-friedelatetraene-23,29-dioic acid

Synonym(s): 2,3-Dihydroxy-6-oxo-D:A-friedo-24-noroleana-1,3,5(10),7-tetraen-23,29-dioic acid, 9Cl. Demethylzeylasterone



CAS Registry Number: 87064-40-2

Type of Compound Code(s): VS8510

Molecular Formula: C₂₉H₃₆O₇

Molecular Weight: 496.599

Accurate Mass: 496.246105

Percentage Composition: C 70.14%; H 7.31%; O 22.55%

Biological Source: Constit. of outer stem bark of *Kokoona zeylanica*

Physical Description: Pale-yellow cryst. (MeOH aq.)

Melting Point: Mp 190-192°

Optical Rotation: $[\alpha]_D^{27} -36.48$ (c, 2.46 in CHCl₃)

>>Derivative: 29-Me ester

Synonym(s): Zeylasterone

CAS Registry Number: 78012-25-6

Type of Compound Code(s): VS8510

Molecular Formula: C₃₀H₃₈O₇

Molecular Weight: 510.626

Accurate Mass: 510.261755

Percentage Composition: C 70.57%; H 7.50%; O 21.93%

Biological Source: Isol. from *Kokoona zeylanica*

Physical Description: Cryst. (MeOH aq.)

Melting Point: Mp 240-242°

Optical Rotation: $[\alpha]_D -75.4$ (c, 2.03 in CHCl₃)

>>Derivative: 23-Aldehyde

Synonym(s): Demethylzeylasteral

CAS Registry Number: 107316-88-1

Type of Compound Code(s): VS8510

Molecular Formula: C₂₉H₃₆O₆

Molecular Weight: 480.6

Accurate Mass: 480.25119

Percentage Composition: C 72.48%; H 7.55%; O 19.97%

Biological Source: Constit. of *Kokoona zeylanica*

Physical Description: Yellow solid

Melting Point: Mp 158-160°

Optical Rotation: $[\alpha]_D^{27} -67.9$ (c, 1.06 in CHCl₃)

>>Derivative: 23-Aldehyde, 29-Me ester

Synonym(s): Zeylasteral

CAS Registry Number: 87064-16-2

Type of Compound Code(s): VS8510

Molecular Formula: C₃₀H₃₈O₆

Molecular Weight: 494.627

Accurate Mass: 494.26684

Percentage Composition: C 72.85%; H 7.74%; O 19.41%

Biological Source: Constit. of stem bark of *Kokoona zeylanica*

Physical Description: Pale-yellow cryst. (MeOH)

Melting Point: Mp 278-280°

Optical Rotation: $[\alpha]_D^{27} -136$ (c, 0.86 in CHCl₃)