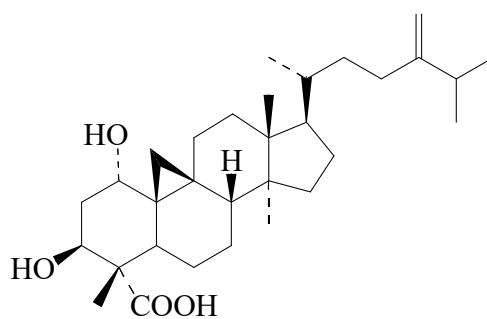




>>Entry Name: 1,3-Dihydroxy-24-methylenecycloartan-28-oic acid



Molecular Formula: C₃₁H₅₀O₄

Molecular Weight: 486.734

Accurate Mass: 486.37091

Percentage Composition: C 76.50%; H 10.35%; O 13.15%

>>Variant: (1 α ,3 β)-form

Synonym(s): 23-Deoxojessic acid

CAS Registry Number: 215609-93-1

Molecular Formula: C₃₁H₅₀O₄

Molecular Weight: 486.734

Accurate Mass: 486.37091

Percentage Composition: C 76.50%; H 10.35%; O 13.15%

Biological Source: Constit. of *Combretum quadrangulare*

Physical Description: Amorph. solid

Melting Point: Mp 238-240°

Optical Rotation: [α]_D²⁵ +75.4 (c, 0.24 in MeOH)

>>Derivative: Me ester

CAS Registry Number: 215609-95-3

Molecular Formula: C₃₂H₅₂O₄

Molecular Weight: 500.76

Accurate Mass: 500.38656

Percentage Composition: C 76.75%; H 10.47%; O 12.78%

Biological Source: Constit. of *Combretum quadrangulare*

Physical Description: Amorph. solid

Melting Point: Mp 190-194°

>>Derivative: 1-Ac

CAS Registry Number: 221359-77-9

Molecular Formula: C₃₃H₅₂O₅

Molecular Weight: 528.771

Accurate Mass: 528.381475

Percentage Composition: C 74.96%; H 9.91%; O 15.13%

Biological Source: Constit. of *Combretum quadrangulare*

Physical Description: Amorph. solid

Optical Rotation: [α]_D²⁵ +55.8 (c, 0.11 in MeOH)

>>Derivative: 1-Ketone

Synonym(s): 3-Hydroxy-24-methylene-1-oxocycloartan-28-oic acid. **Quadrangularic acid E**

CAS Registry Number: 221455-85-2

Molecular Formula: C₃₁H₄₈O₄

Molecular Weight: 484.718

Accurate Mass: 484.35526

Percentage Composition: C 76.82%; H 9.98%; O 13.20%

Biological Source: Constit. of *Combretum quadrangulare*

Physical Description: Amorph. solid

Optical Rotation: [α]_D²⁵ +18.2 (c, 0.2 in MeOH)

References: