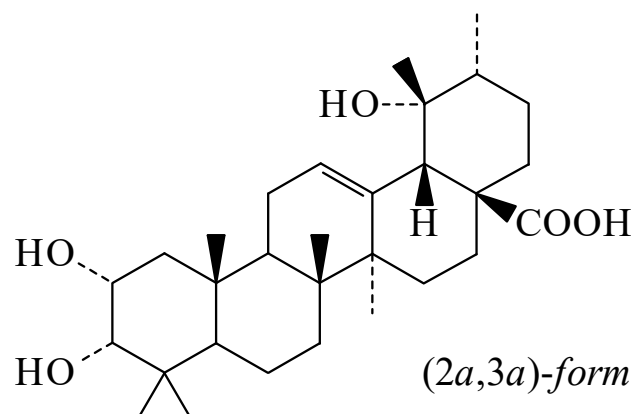




>>Entry Name: 2,3,19-Trihydroxy-12-ursen-28-oic acid
ENTRY UNDER REVIEW



Related CAS Registry Numbers(s): 54963-57-4 77820-51-0

Molecular Formula: C₃₀H₄₈O₅
Molecular Weight: 488.706
Accurate Mass: 488.350175
Percentage Composition: C 73.73%; H 9.90%; O 16.37%

>>Variant: (2 α ,3 α ,19 α)-form
Synonym(s): Euscaphic acid. Jacarandic acid. Acuminatic acid

CAS Registry Number: 53155-25-2

Molecular Formula: C₃₀H₄₈O₅
Molecular Weight: 488.706
Accurate Mass: 488.350175
Percentage Composition: C 73.73%; H 9.90%; O 16.37%
Biological Source: Constit. of *Euxaphis japonica*, *Coleus amboinicus*, *Jacaranda caucana* and *Pygeum acuminatum*
Physical Description: Powder or cryst. (MeOH)
Melting Point: Mp 270-271° (264°)
Optical Rotation: $[\alpha]_D^{23} +12$ (c, 1 in MeOH)

>>Derivative: Me ester

CAS Registry Number: 52936-89-7

Molecular Formula: C₃₁H₅₀O₅
Molecular Weight: 502.733
Accurate Mass: 502.365825
Percentage Composition: C 74.06%; H 10.02%; O 15.91%
Biological Source: From *Myrianthus arboreus*

>>Derivative: 28-O- β -D-Glucopyranosyl ester
Synonym(s): Kaji-ichigoside F1

CAS Registry Number: 95298-47-8

Molecular Formula: C₃₆H₅₈O₁₀
Molecular Weight: 650.848
Accurate Mass: 650.403
Percentage Composition: C 66.44%; H 8.98%; O 24.58%
Biological Source: Constit. of *Sanguisorba alpina*
Physical Description: Needles
Melting Point: Mp 202-204°

>>Derivative: 28-O-[β -D-Glucopyranosyl-(1 $\rightarrow$ 2)- β -D-glucopyranosyl] ester
Synonym(s): Pruvuloside A

CAS Registry Number: 173933-45-4

Molecular Formula: C₄₂H₆₈O₁₅
Molecular Weight: 812.99
Accurate Mass: 812.455825
Percentage Composition: C 62.05%; H 8.43%; O 29.52%
Biological Source: Constit. of *Prunella vulgaris*