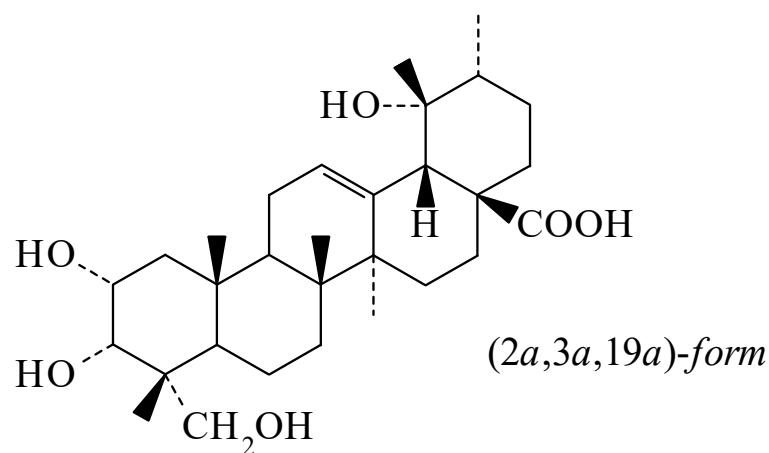




>>Entry Name: 2,3,19,23-Tetrahydroxy-12-ursen-28-oic acid



Related CAS Registry Numbers(s): 65669-84-3 82843-98-9

Molecular Formula: C₃₀H₄₈O₆

Molecular Weight: 504.706

Accurate Mass: 504.34509

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

>>Variant: (2α,3α)-form

Synonym(s): Myrianthic acid

CAS Registry Number: 89786-84-5

Molecular Formula: C₃₀H₄₈O₆

Molecular Weight: 504.706

Accurate Mass: 504.34509

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

Biological Source: Constit. of *Myrianthus arboreus* and *Coleus amboinicus*

Melting Point: Mp 126° (as Me ester)

Optical Rotation: [α]_D¹⁷+25.3 (c, 1.05 in MeOH)

Other Data: Revised struct., originally considered to be 24-hydroxy

>>Derivative: β-D-Glucopyranosyl ester

Synonym(s): Nigaichigoside F2

CAS Registry Number: 95262-49-0

Molecular Formula: C₃₆H₅₈O₁₁

Molecular Weight: 666.848

Accurate Mass: 666.397915

Percentage Composition: C 64.84%; H 8.77%; O 26.39%

Biological Source: Isol. from *Rubus* spp. and *Rosa transmorrisonensis*

Physical Description: Needles (MeOH aq.)

Melting Point: Mp 214-216°

Optical Rotation: [α]_D²⁶+13.2 (c, 0.92 in MeOH)

>>Variant: (2α,3β)-form

Synonym(s): 23-Hydroxytormentic acid

CAS Registry Number: 70868-78-9

Molecular Formula: C₃₀H₄₈O₆

Molecular Weight: 504.706

Accurate Mass: 504.34509

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

Biological Source: Constit. of *Epilobium hirsutum* and *Quercus ilex*

Physical Description: Cryst. (EtOH)

Melting Point: Mp 283-285°

Optical Rotation: [α]_D²⁰+27.9 (c, 0.54 in MeOH)