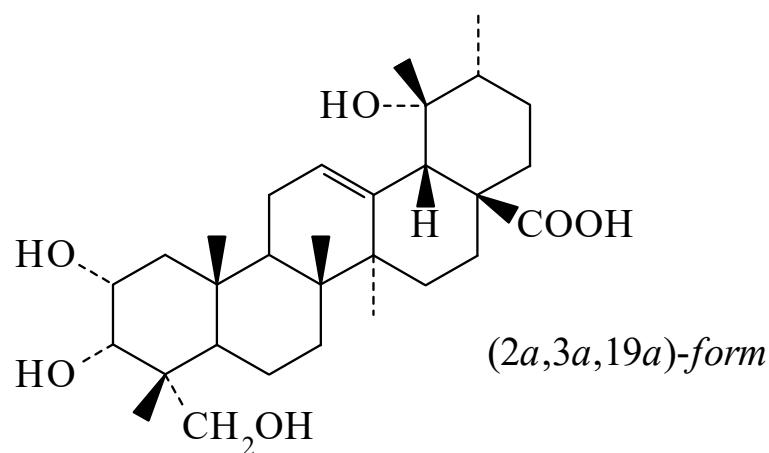




>>Entry Name: 2,3,19,23-Tetrahydroxy-12-ursen-28-oic acid



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

**Molecular Formula:** C<sub>30</sub>H<sub>48</sub>O<sub>6</sub>

**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:** C<sub>30</sub>H<sub>48</sub>O<sub>6</sub>

**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]<sub>D</sub><sup>17</sup>+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:** C<sub>36</sub>H<sub>58</sub>O<sub>11</sub>

**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]<sub>D</sub><sup>26</sup>+13.2 (c, 0.92 in MeOH)

>>Variant: (2α,3β)-form

**Synonym(s):** 23-Hydroxytormentic acid

**CAS Registry Number:** 70868-78-9

**Molecular Formula:** C<sub>30</sub>H<sub>48</sub>O<sub>6</sub>

**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]<sub>D</sub><sup>20</sup>+27.9 (c, 0.54 in MeOH)