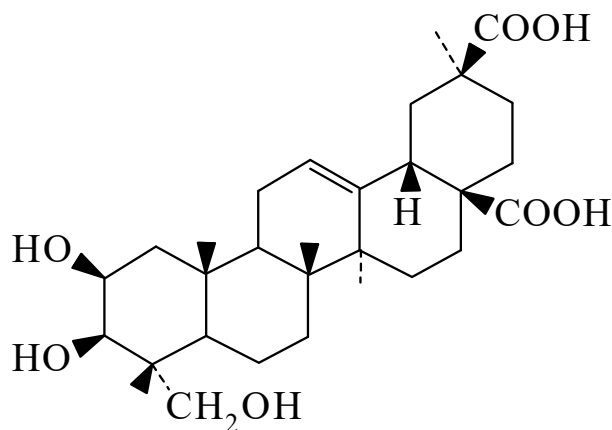




>>Entry Name: 2,3,23-Trihydroxy-12-oleanene-28,30-dioic acid



**Molecular Formula:** C<sub>30</sub>H<sub>46</sub>O<sub>7</sub>

**Molecular Weight:** 518.689

**Accurate Mass:** 518.324355

**Percentage Composition:** C 69.47%; H 8.94%; O 21.59%

>>Variant: (2β,3β)-form

**Synonym(s):** Jaligonic acid. Desmethylphytolaccagenin

**CAS Registry Number:** 51776-39-7

**Molecular Formula:** C<sub>30</sub>H<sub>46</sub>O<sub>7</sub>

**Molecular Weight:** 518.689

**Accurate Mass:** 518.324355

**Percentage Composition:** C 69.47%; H 8.94%; O 21.59%

**Use/Importance:** Antiinflammatory agent, diuretic

**Physical Description:** Cryst. (MeOH)

**Melting Point:** Mp 315-325 dec.° (318-320°)

**Calculated Log P Data:** Log P 3.29 (calc)

>>Derivative: 30-Me ester

**Synonym(s):** Phytolaccagenin

**CAS Registry Number:** 1802-12-6

**Molecular Formula:** C<sub>31</sub>H<sub>48</sub>O<sub>7</sub>

**Molecular Weight:** 532.716

**Accurate Mass:** 532.340005

**Percentage Composition:** C 69.89%; H 9.08%; O 21.02%

**Biological Source:** Aglycone from *Phytolacca* spp.

**Use/Importance:** Possesses antiinflammatory props.

**Physical Description:** Cryst. (MeOH)

**Melting Point:** Mp 317-318 dec.°

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub><sup>26</sup>+113.7 (c, 0.89 in MeOH)

**Solubility:** BERDY SOL: Sol. MeOH, Py

**Calculated Log P Data:** Log P 3.71 (calc)

>>Derivative: 3-Ac, 30-Me ester

**Synonym(s):** Phytolaccagenin A

**CAS Registry Number:** 95260-99-4

**Molecular Formula:** C<sub>33</sub>H<sub>50</sub>O<sub>8</sub>

**Molecular Weight:** 574.753

**Accurate Mass:** 574.35057

**Percentage Composition:** C 68.96%; H 8.77%; O 22.27%

**Biological Source:** Constit. of *Phytolacca acinosa*

**Physical Description:** Cryst.

**Melting Point:** Mp 165°