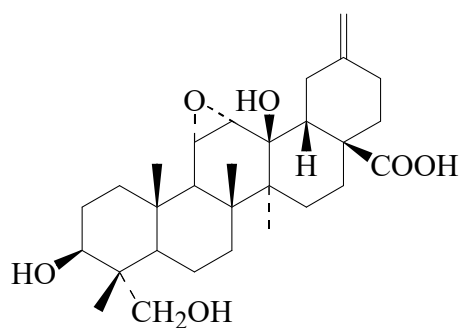




>>Entry Name: 11,12-Epoxy-3,13,23-trihydroxy-30-nor-20(29)-oleanen-28-oic acid



**Molecular Formula:** C<sub>29</sub>H<sub>44</sub>O<sub>6</sub>

**Molecular Weight:** 488.663

**Accurate Mass:** 488.31379

**Percentage Composition:** C 71.28%; H 9.08%; O 19.64%

>>Variant: (3β,11α,12α,13β)-form

**Molecular Formula:** C<sub>29</sub>H<sub>44</sub>O<sub>6</sub>

**Molecular Weight:** 488.663

**Accurate Mass:** 488.31379

**Percentage Composition:** C 71.28%; H 9.08%; O 19.64%

>>Derivative: 28→13 Lactone

**Synonym(s):** 11,12-Epoxy-3,23-dihydroxy-30-nor-20(29)-oleanen-28,13-olide

**CAS Registry Number:** 186140-36-3

**Molecular Formula:** C<sub>29</sub>H<sub>42</sub>O<sub>5</sub>

**Molecular Weight:** 470.648

**Accurate Mass:** 470.303225

**Percentage Composition:** C 74.01%; H 8.99%; O 17.00%

**Biological Source:** Constit. of *Paeonia lactiflora*

**Physical Description:** Amorph. powder

**Optical Rotation:**  $[\alpha]_D^{27} +78.4$  (c, 0.89 in CHCl<sub>3</sub>)

#### References:

Kamiya, K. *et al.*, *Phytochemistry*, 1997, **44**, 141-144, (*isol*, *pmr*, *cmr*)