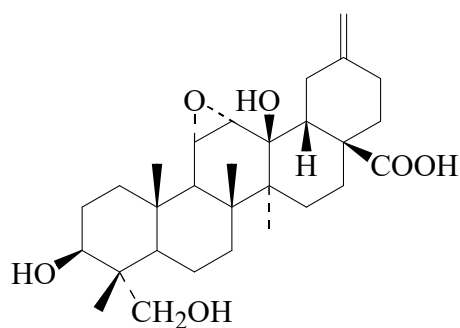




>>Entry Name: 11,12-Epoxy-3,13,23-trihydroxy-30-nor-20(29)-oleanen-28-oic acid



Molecular Formula: C₂₉H₄₄O₆

Molecular Weight: 488.663

Accurate Mass: 488.31379

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

>>Variant: (3 β ,11 α ,12 α ,13 β)-form

Molecular Formula: C₂₉H₄₄O₆

Molecular Weight: 488.663

Accurate Mass: 488.31379

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

>>Derivative: 28 $\rightarrow$ 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: C₂₉H₄₂O₅

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 CHCl₃)

References:

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