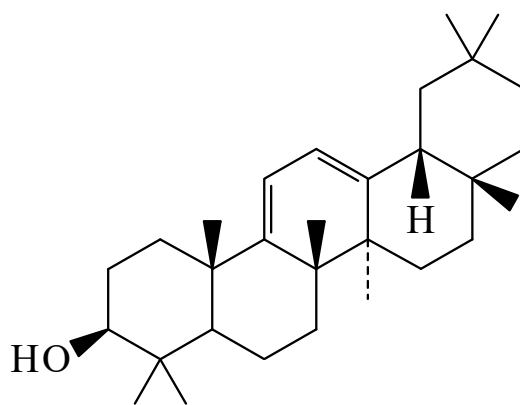




>>Entry Name: 9(11),12-Oleanadien-3-ol



Molecular Formula: C₃₀H₄₈O

Molecular Weight: 424.709

Accurate Mass: 424.370515

Percentage Composition: C 84.84%; H 11.39%; O 3.77%

>>Variant: 3β-form

CAS Registry Number: 94530-87-7

Molecular Formula: C₃₀H₄₈O

Molecular Weight: 424.709

Accurate Mass: 424.370515

Percentage Composition: C 84.84%; H 11.39%; O 3.77%

Biological Source: Constit. of *Phyllanthus flexuosus*

Physical Description: Cryst. (MeOH/CHCl₃)

Melting Point: Mp 219-221°

Optical Rotation: [α]_D²³ +318 (c, 0.56 in CHCl₃)

>>Derivative: 3-Ac

Synonym(s): 3β-Acetoxy-9(11),12-oleanadiene

CAS Registry Number: 2118-76-5

Molecular Formula: C₃₂H₅₀O₂

Molecular Weight: 466.746

Accurate Mass: 466.38108

Percentage Composition: C 82.35%; H 10.80%; O 6.86%

Biological Source: Isol. from *Ferula linkii*

Physical Description: Shiny needles (CHCl₃/MeOH)

Melting Point: Mp 223-226° (217°)

Optical Rotation: [α]_D +342 (CHCl₃)

>>Derivative: 3-Ketone

Synonym(s): 9(11),12-Oleanadien-3-one

CAS Registry Number: 80113-53-7

Molecular Formula: C₃₀H₄₆O

Molecular Weight: 422.693

Accurate Mass: 422.354865

Percentage Composition: C 85.25%; H 10.97%; O 3.79%

Biological Source: Constit. of *Vellozia compacta*

Physical Description: Cryst. (hexane)

Melting Point: Mp 206-208°

Optical Rotation: [α]_D²⁵ +373 (c, 1.07 in CHCl₃)

References:

- Kobayashi, Y. *et al.*, *Chem. Pharm. Bull.*, 1981, **29**, 2222, (*cmr*)
Bhaumik, T. *et al.*, *Indian J. Chem., Sect. B*, 1981, **20**, 664, (*synth, deriv*)
Barnes, R.A. *et al.*, *Chem. Pharm. Bull.*, 1984, **32**, 3674, (*isol, synth*)
Diaz, J.G. *et al.*, *Phytochemistry*, 1984, **23**, 1471, (*isol, deriv*)
Tanaka, R. *et al.*, *Phytochemistry*, 1988, **27**, 2273