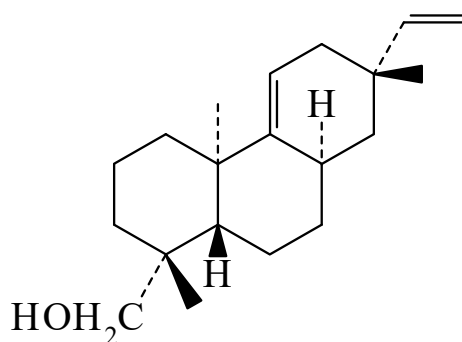




>>Entry Name: 9(11),15-Pimaradien-19-ol



Molecular Formula: C₂₀H₃₂O

Molecular Weight: 288.472

Accurate Mass: 288.245315

Percentage Composition: C 83.27%; H 11.18%; O 5.55%

>>Variant: *ent*-form

Molecular Formula: C₂₀H₃₂O

Molecular Weight: 288.472

Accurate Mass: 288.245315

Percentage Composition: C 83.27%; H 11.18%; O 5.55%

Biological Source: Constit. of *Acanthopanax koreanum*

Physical Description: Needles (hexane)

Melting Point: Mp 73-74°

Optical Rotation: [α]_D²⁵ -14.94 (c, 0.19 in CHCl₃)

>>Derivative: Ac

Synonym(s): 19-Acetoxy-9(11),15-pimaradiene

Molecular Formula: C₂₂H₃₄O₂

Molecular Weight: 330.509

Accurate Mass: 330.25588

Percentage Composition: C 79.95%; H 10.37%; O 9.68%

Biological Source: Constit. of *Acanthopanax koreanum*

Physical Description: Oil

Optical Rotation: [α]_D²⁵ -8.82 (c, 0.34 in CHCl₃)

>>Derivative: 19-Carboxylic acid

Synonym(s): *ent*-9(11),15-Pimaradien-19-oic acid. **Acanthoic acid**

CAS Registry Number: 119290-87-8

Molecular Formula: C₂₀H₃₀O₂

Molecular Weight: 302.456

Accurate Mass: 302.22458

Percentage Composition: C 79.42%; H 10.00%; O 10.58%

Biological Source: Isol. from *Acanthopanax koreanum*

Physical Description: Amorph. powder

Melting Point: Mp 135-136°

Optical Rotation: [α]_D²⁵ -26 (c, 0.33 in C₆H₆)

References:

- Kim, Y.H. *et al.*, *J. Nat. Prod.*, 1988, **51**, 1080-1083, (*isol, pmr, cmr*)
Ling, T. *et al.*, *Org. Lett.*, 2000, **2**, 2073-2076, (*Acanthoic acid, synth*)
Chowdhury, C. *et al.*, *J.O.C.*, 2001, **66**, 8843-8853, (*Acanthoic acid, synth*)