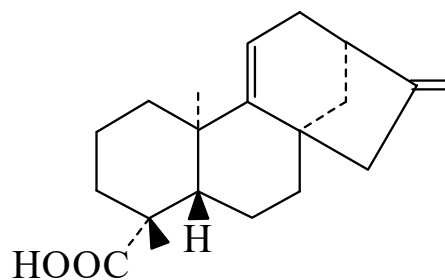




>>Entry Name: 9(11),16-Kauradien-19-oic acid



Molecular Formula: C₂₀H₂₈O₂

Molecular Weight: 300.44

Accurate Mass: 300.20893

Percentage Composition: C 79.96%; H 9.39%; O 10.65%

>>Variant: *ent*-form

Synonym(s): Grandiflorenic acid

CAS Registry Number: 22338-67-6

Molecular Formula: C₂₀H₂₈O₂

Molecular Weight: 300.44

Accurate Mass: 300.20893

Percentage Composition: C 79.96%; H 9.39%; O 10.65%

Biological Source: Constit. of the resin galls of *Espeletia schultzei*. Also in *Viguiera*, *Helichrysum*, *Athrixia*, *Wedelia*, *Montanoa* and other genera

Physical Description: Cryst. (pentane)

Melting Point: Mp 155-157°

Optical Rotation: $[\alpha]_D^{20} +32.1$ (c, 0.39 in CHCl₃)

References:

Piozzi, F. *et al.*, *Can. J. Chem.*, 1972, **50**, 109

Reynolds, W.F. *et al.*, *Can. J. Chem.*, 1984, **62**, 2421, (*pmr*, *cmr*)

Herz, W. *et al.*, *Phytochemistry*, 1984, **23**, 2271, (*isol*)

Reynolds, W.F. *et al.*, *Acta Cryst. C*, 1991, **47**, 973, (*cryst struct*)