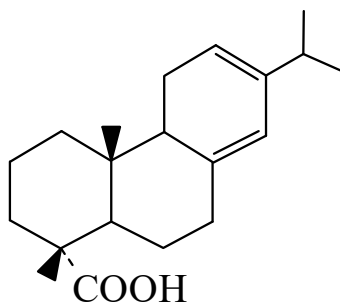




>>Entry Name: 8(14),12-Abietadien-18-oic acid

Synonym(s): Laevopimaric acid. Sapietic acid. Levopimaric acid. β -Pimaric acid



CAS Registry Number: 79-54-9

Molecular Formula: $C_{20}H_{30}O_2$

Molecular Weight: 302.456

Accurate Mass: 302.22458

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

Biological Source: Constit. of *Pinus* spp. Also from *Picea jezoensis* and *Agathis robusta*

Physical Description: Cryst. (EtOH)

Melting Point: Mp 152°

Optical Rotation: $[\alpha]_D^{20} -282$ (EtOH)

UV: [neutral] λ_{max} 273 () (MeOH) (Berdy)

References:

Burgstahler, A.W. *et al.*, *J.A.C.S.*, 1961, **83**, 4660, (*struct*)

Ayer, W.A. *et al.*, *Can. J. Chem.*, 1963, **41**, 1113, (*pmr, struct*)

Carman, R.M. *et al.*, *Aust. J. Chem.*, 1964, **17**, 390, (*isol*)

Org. Synth., 1965, **45**, 64, (*synth*)

Karle, I., *Acta Cryst. B*, 1972, **28**, 2000, (*cryst struct*)