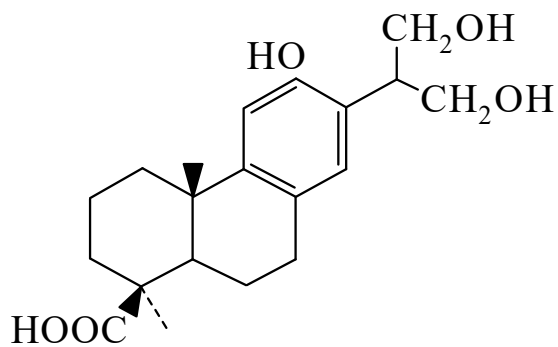




>>Entry Name: 12,16,17-Trihydroxy-8,11,13-abietatrien-19-oic acid

Synonym(s): Pododacric acid



CAS Registry Number: 32630-75-4

Molecular Formula: C₂₀H₂₈O₅

Molecular Weight: 348.438

Accurate Mass: 348.193675

Percentage Composition: C 68.94%; H 8.10%; O 22.96%

Biological Source: Extractive of *Podocarpus dacrydioides* and *Podocarpus totara*

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 213-214°

Optical Rotation: $[\alpha]_D^{25} +118$ (c, 0.9 in CHCl₃/MeOH)

>>Derivative: Tri-Ac

Physical Description: Cryst. (MeOH)

Melting Point: Mp 160-160.5°

Optical Rotation: $[\alpha]_D +82$ (c, 0.64 in EtOH)

References:

Briggs, L.H. *et al.*, *Tetrahedron*, 1959, **7**, 270, (*isol*)

Cambie, R.C. *et al.*, *Tetrahedron*, 1962, **18**, 465, (*isol*)

Cambie, R.C. *et al.*, *Aust. J. Chem.*, 1971, **24**, 1251, (*struct*)