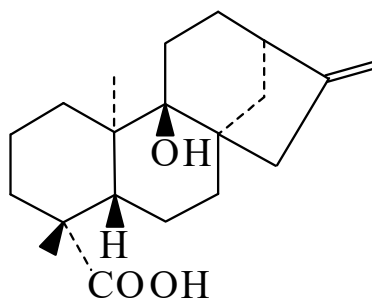




>>Entry Name: 9-Hydroxy-16-kauren-19-oic acid



Molecular Formula: C₂₀H₃₀O₃

Molecular Weight: 318.455

Accurate Mass: 318.219495

Percentage Composition: C 75.43%; H 9.49%; O 15.07%

>>Variant: *ent*-form

Synonym(s): Pterokaurene L₃, Pterokaurane L₃

CAS Registry Number: 77658-38-9

Molecular Formula: C₂₀H₃₀O₃

Molecular Weight: 318.455

Accurate Mass: 318.219495

Percentage Composition: C 75.43%; H 9.49%; O 15.07%

Biological Source: Constit. of *Pteris longipes* and of *Oyedaea bupthalmoides*

Physical Description: Cryst.

Melting Point: Mp 109-110°

Optical Rotation: [α]_D²⁰ -75.3 (c, 2.7 in MeOH)

Other Data: The Pterokaurane name appears to be a misprint or CA error

>>Derivative: Me ester

Synonym(s): Stenolobin

CAS Registry Number: 38315-21-8

Molecular Formula: C₂₁H₃₂O₃

Molecular Weight: 332.482

Accurate Mass: 332.235145

Percentage Composition: C 75.86%; H 9.70%; O 14.44%

Biological Source: Constit. of *Viguiera stenoloba* and of *Oyedaea bupthalmoides*

Other Data: Incorr. struct. prev. assigned

References:

- Cuevas, L.A. *et al.*, *Rev. Latinoam. Quim.*, 1972, **3**, 22
Murakami, T. *et al.*, *Chem. Pharm. Bull.*, 1981, **29**, 657
Delgado, G. *et al.*, *Chem. Lett.*, 1984, 1237