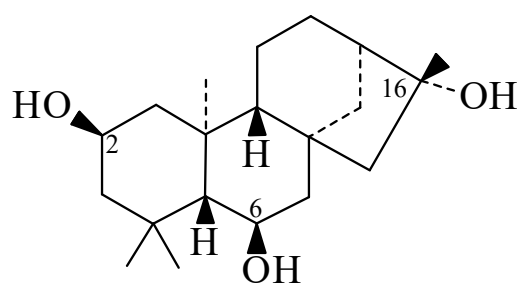




>>Entry Name: 2,6,16-Kauranetriol



Molecular Formula: C₂₀H₃₄O₃

Molecular Weight: 322.487

Accurate Mass: 322.250795

Percentage Composition: C 74.49%; H 10.63%; O 14.88%

Biological Source: Isol. from fern *Pteris cretica*

Physical Description: Cryst.

Melting Point: Mp 235-236°

Optical Rotation: [α]_D -25 (EtOH)

>>Variant: (*ent*-2 α ,6 α ,16 β OH)-form

CAS Registry Number: 41530-90-9

Molecular Formula: C₂₀H₃₄O₃

Molecular Weight: 322.487

Accurate Mass: 322.250795

Percentage Composition: C 74.49%; H 10.63%; O 14.88%

Melting Point: Mp 235-236°

Optical Rotation: [α]_D²⁵ -25 (c, 0.18 in EtOH)

>>Derivative: 2-O- β -D-Glucopyranoside

Synonym(s): Creticoside C

CAS Registry Number: 53452-34-9

Molecular Formula: C₂₆H₄₄O₈

Molecular Weight: 484.629

Accurate Mass: 484.30362

Percentage Composition: C 64.44%; H 9.15%; O 26.41%

Biological Source: Constit. of *Pteris cretica*

Physical Description: Cryst.

Melting Point: Mp 293-294°

References:

- Chen, C.-M. *et al.*, *Chem. Pharm. Bull.*, 1973, **21**, 455, (*struct*)
Murakami, T. *et al.*, *Chem. Pharm. Bull.*, 1974, **22**, 1686, (*isol*)
Murakami, T. *et al.*, *Yakugaku Zasshi*, 1985, **105**, 640, (*isol*)