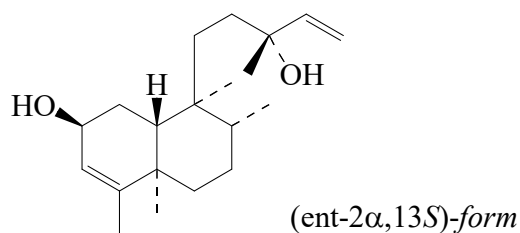




>>Entry Name: 3,14-Clerodadiene-2,13-diol



Molecular Formula: C₂₀H₃₄O₂

Molecular Weight: 306.487

Accurate Mass: 306.25588

Percentage Composition: C 78.38%; H 11.18%; O 10.44%

>>Variant: (*ent*-2 α ,13*S*)-form

Synonym(s): 2 β -Hydroxykolavelool

CAS Registry Number: 221466-42-8

Molecular Formula: C₂₀H₃₄O₂

Molecular Weight: 306.487

Accurate Mass: 306.25588

Percentage Composition: C 78.38%; H 11.18%; O 10.44%

Biological Source: Constit. of *Aristolochia chamissonis*

Physical Description: Amorph. solid

Optical Rotation: [α]_D²⁵ −38.5 (c, 0.09 in CHCl₃)

>>Derivative: 2-Hydroperoxide

Synonym(s): 2-Hydroperoxy-3,14-clerodadien-13-ol. 2 β -Hydroperoxykolavelool

CAS Registry Number: 221465-53-8

Molecular Formula: C₂₀H₃₄O₃

Molecular Weight: 322.487

Accurate Mass: 322.250795

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

Physical Description: Amorph. solid

Optical Rotation: [α]_D²⁵ −20 (c, 0.1 in CHCl₃)

>>Derivative: 2-Ketone

Synonym(s): 13-Epi-2-oxokolavelool

CAS Registry Number: 221466-41-7

Molecular Formula: C₂₀H₃₂O₂

Molecular Weight: 304.472

Accurate Mass: 304.24023

Percentage Composition: C 78.90%; H 10.59%; O 10.51%

Biological Source: Constit. of *Aristolochia chamissonis*

Physical Description: Amorph. solid (hexane)

Melting Point: Mp 158-159°

Optical Rotation: [α]_D²⁵ −25 (c, 0.1 in CHCl₃)

>>Variant: (*ent*-2 β ,13*R*)-form

Synonym(s): Roseostachenol

CAS Registry Number: 159440-60-5

Molecular Formula: C₂₀H₃₄O₂

Molecular Weight: 306.487

Accurate Mass: 306.25588

Percentage Composition: C 78.38%; H 11.18%; O 10.44%

Biological Source: Isol. from *Stachys rosea*

Physical Description: Cryst. (EtOH)

Melting Point: Mp 127°

Optical Rotation: [α]_D +16.8 (c, 0.178 in CHCl₃)

Other Data: C-13 config. determined in 1999