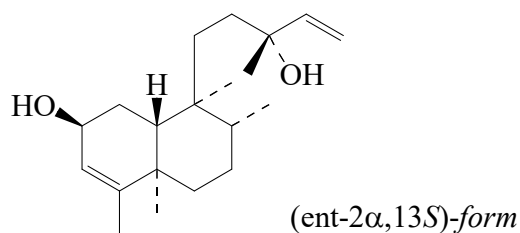




>>Entry Name: 3,14-Clerodadiene-2,13-diol



**Molecular Formula:** C<sub>20</sub>H<sub>34</sub>O<sub>2</sub>

**Molecular Weight:** 306.487

**Accurate Mass:** 306.25588

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

>>Variant: (ent-2 $\alpha$ ,13*S*)-form

**Synonym(s):** 2 $\beta$ -Hydroxykolavelool

**CAS Registry Number:** 221466-42-8

**Molecular Formula:** C<sub>20</sub>H<sub>34</sub>O<sub>2</sub>

**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:** [ $\alpha$ ]<sub>D</sub><sup>25</sup> -38.5 (c, 0.09 in CHCl<sub>3</sub>)

>>Derivative: 2-Hydroperoxide

**Synonym(s):** 2-Hydroperoxy-3,14-clerodadien-13-ol. 2 $\beta$ -Hydroperoxykolavelool

**CAS Registry Number:** 221465-53-8

**Molecular Formula:** C<sub>20</sub>H<sub>34</sub>O<sub>3</sub>

**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:** [ $\alpha$ ]<sub>D</sub><sup>25</sup> -20 (c, 0.1 in CHCl<sub>3</sub>)

>>Derivative: 2-Ketone

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

**CAS Registry Number:** 221466-41-7

**Molecular Formula:** C<sub>20</sub>H<sub>32</sub>O<sub>2</sub>

**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:** [ $\alpha$ ]<sub>D</sub><sup>25</sup> -25 (c, 0.1 in CHCl<sub>3</sub>)

>>Variant: (ent-2 $\beta$ ,13*R*)-form

**Synonym(s):** Roseostachenol

**CAS Registry Number:** 159440-60-5

**Molecular Formula:** C<sub>20</sub>H<sub>34</sub>O<sub>2</sub>

**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:** [ $\alpha$ ]<sub>D</sub> +16.8 (c, 0.178 in CHCl<sub>3</sub>)

**Other Data:** C-13 config. determined in 1999