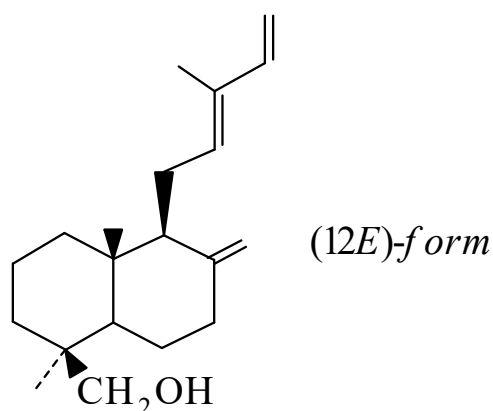




>>Entry Name: 8(17),12,14-Labdatrien-19-ol



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

**Molecular Weight:** 288.472

**Accurate Mass:** 288.245315

**Percentage Composition:** C 83.27%; H 11.18%; O 5.55%

>>Variant: (12E)-form

**Synonym(s):** Elliotinol

**CAS Registry Number:** 10178-31-1

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

**Molecular Weight:** 288.472

**Accurate Mass:** 288.245315

**Percentage Composition:** C 83.27%; H 11.18%; O 5.55%

**Biological Source:** Constit. of the oleoresin of slash pine (*Pinus elliotii*) and of *Agathis australis*

**Physical Description:** Cryst. by subl.

**Melting Point:** Mp 14-15°

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub><sup>25</sup>+14 (c, 2 in EtOH)

>>Derivative: *p*-Nitrobenzoyl

**Physical Description:** Cryst. (EtOH)

**Melting Point:** Mp 128-130°

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub><sup>25</sup>+74 (c, 2 in EtOH)

>>Derivative: Carboxylic acid

**Synonym(s):** 8(17),12E,14-Labdatrien-19-oic acid. **Communic acid**

**CAS Registry Number:** 2761-77-5

**Molecular Formula:** C<sub>20</sub>H<sub>30</sub>O<sub>2</sub>

**Molecular Weight:** 302.456

**Accurate Mass:** 302.22458

**Percentage Composition:** C 79.42%; H 10.00%; O 10.58%

**Biological Source:** Constit. of *Juniperus*, *Cupressus*, *Pinus* spp. etc., also *Hermas villosa* and *Agathis australis*

**Physical Description:** Plates (Me<sub>2</sub>CO/petrol) or oil

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub><sup>25</sup>+40 (c, 1 in EtOH)

>>Derivative: Carboxylic acid, Me ester

**Physical Description:** Cryst. (MeOH/Et<sub>2</sub>O)

**Melting Point:** Mp 105-106°

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub>+45 (c, 2 in CHCl<sub>3</sub>)

>>Variant: (12Z)-form

**Synonym(s):** Communol

**CAS Registry Number:** 1156-07-6