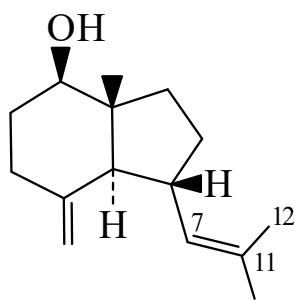




>>Entry Name: **4(15),7(11)-Oppositadien-1-ol**

Synonym(s): Octahydro-3*a*-methyl-7-methylene-1-(2-methyl-1-propenyl)-1*H*-inden-4-ol, 9Cl. 1-Hydroxy-4(14),7(11)-oppositadiene



Absolute  
conf guration

**Molecular Formula:** C<sub>15</sub>H<sub>24</sub>O

**Molecular Weight:** 220.354

**Accurate Mass:** 220.182715

**Percentage Composition:** C 81.76%; H 10.98%; O 7.26%

>>Variant: 1β-form

**CAS Registry Number:** 70389-95-6

**Molecular Formula:** C<sub>15</sub>H<sub>24</sub>O

**Molecular Weight:** 220.354

**Accurate Mass:** 220.182715

**Percentage Composition:** C 81.76%; H 10.98%; O 7.26%

**Biological Source:** Constit. of fruit of *Torilis japonica*

**Physical Description:** Oil

**Optical Rotation:** [α]<sub>D</sub> +29.3

>>Derivative: Δ<sup>11</sup>-isomer

Synonym(s): **4(15),11-Oppositadien-1-ol**

**CAS Registry Number:** 70389-96-7

**Molecular Formula:** C<sub>15</sub>H<sub>24</sub>O

**Molecular Weight:** 220.354

**Accurate Mass:** 220.182715

**Percentage Composition:** C 81.76%; H 10.98%; O 7.26%

**Biological Source:** Constit. of *Torilis japonica*

**Physical Description:** Oil

**Optical Rotation:** [α]<sub>D</sub> +40.3

>>Derivative: 7,11-Dihydro, 11-hydroxy

Synonym(s): **4(15)-Oppositene-1,11-diol**

**Molecular Formula:** C<sub>15</sub>H<sub>26</sub>O<sub>2</sub>

**Molecular Weight:** 238.369

**Accurate Mass:** 238.19328

**Percentage Composition:** C 75.58%; H 10.99%; O 13.42%

**Biological Source:** Constit. of *Torilis japonica*

**Physical Description:** Oil

>>Derivative: 7,11-Dihydro, 7ξ-methoxy

Synonym(s): **7-Methoxy-4(15)-oppositen-1-ol**

**CAS Registry Number:** 87425-40-9

**Molecular Formula:** C<sub>16</sub>H<sub>28</sub>O<sub>2</sub>

**Molecular Weight:** 252.396

**Accurate Mass:** 252.20893

**Percentage Composition:** C 76.14%; H 11.18%; O 12.68%

**Biological Source:** Constit. of *Torilis japonica*

**Physical Description:** Amorph.

**Optical Rotation:** [α]<sub>D</sub> +29.8

References: