



**CAS Registry Number:** 55418-52-5  
**Type of Compound Code(s):** WE9000  
**Molecular Formula:** C<sub>11</sub>H<sub>12</sub>O<sub>3</sub>  
**Molecular Weight:** 192.214  
**Accurate Mass:** 192.078645  
**Percentage Composition:** C 68.74%; H 6.29%; O 24.97%  
**Use/Importance:** Used in perfumes, cosmetics and food flavouring  
**Physical Description:** Cryst. with intense floral odour  
**Melting Point:** Mp 55° (47-48°)  
**Boiling Point:** Bp<sub>2</sub> 130-131°  
**Aldrich:** W27010-5  
**Rare Chemicals Library:** S11416-2  
**Other:** PB M17115

>> **Derivative:** 3,4-Methylene ether, oxime(*E*-)

**Molecular Formula:** C<sub>11</sub>H<sub>13</sub>NO<sub>3</sub>  
**Molecular Weight:** 207.229  
**Accurate Mass:** 207.089544  
**Percentage Composition:** C 63.76%; H 6.32%; N 6.76%; O 23.16%  
**Physical Description:** Cryst. (EtOH aq.)  
**Melting Point:** Mp 100°

>> **Derivative:** 3,4-Methylene ether, semicarbazone

**Physical Description:** Needles (EtOH)  
**Melting Point:** Mp 166°

>> **Derivative:** 3,4-Didehydro, 3-Me ether

**Synonym(s):** 4-(4-Hydroxy-3-methoxyphenyl)-3-buten-2-one. **Dehydrozingerone**

**CAS Registry Number:** 1080-12-2  
**Type of Compound Code(s):** VG0010  
**Molecular Formula:** C<sub>11</sub>H<sub>12</sub>O<sub>3</sub>  
**Molecular Weight:** 192.214  
**Accurate Mass:** 192.078645  
**Percentage Composition:** C 68.74%; H 6.29%; O 24.97%  
**Biological Source:** Constit. of *Africanum giganteum*  
**Melting Point:** Mp 120-124°

**Aldrich:** 30604-5

#### References:

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