



CAS Registry Number: 55418-52-5
Type of Compound Code(s): WE9000
Molecular Formula: C₁₁H₁₂O₃
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: Bp₂ 130-131°
Aldrich: W27010-5
Rare Chemicals Library: S11416-2
Other: PB M17115

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

Molecular Formula: C₁₁H₁₃NO₃
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: C₁₁H₁₂O₃
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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