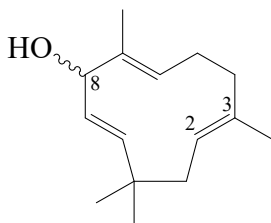




>>Entry Name: 2,6,9-Humulatrien-8-ol
ENTRY UNDER REVIEW



Molecular Formula: C₁₅H₂₄O
Molecular Weight: 220.354
Accurate Mass: 220.182715
Percentage Composition: C 81.76%; H 10.98%; O 7.26%

>>Variant: (2*E*,6*E*,8*ξ*,9*E*)-form

Molecular Formula: C₁₅H₂₄O
Molecular Weight: 220.354
Accurate Mass: 220.182715
Percentage Composition: C 81.76%; H 10.98%; O 7.26%

>>Derivative: Hydroperoxide
Synonym(s): 8-Hydroperoxy-2,6,9-humulatriene. **Humulene-8-hydroperoxide**

CAS Registry Number: 228565-88-6

Molecular Formula: C₁₅H₂₄O₂
Molecular Weight: 236.353
Accurate Mass: 236.17763
Percentage Composition: C 76.23%; H 10.23%; O 13.54%
Biological Source: Constit. of *Curcuma zedoaria*

>>Derivative: Ketone
Synonym(s): 2,6,9-Humulatrien-8-one. **Zerumbone**

CAS Registry Number: 471-05-6

Molecular Formula: C₁₅H₂₂O
Molecular Weight: 218.338
Accurate Mass: 218.167065
Percentage Composition: C 82.52%; H 10.16%; O 7.33%
Biological Source: Constit. of the rhizomes of wild ginger (*Zingiber zerumbet*) and *Syringa pinnafolia*
Physical Description: Cryst.
Melting Point: Mp 66-67°
Boiling Point: Bp₁₀ 165-167°

>>Derivative: Ketone, oxime

Molecular Formula: C₁₅H₂₃NO
Molecular Weight: 233.353
Accurate Mass: 233.177964
Percentage Composition: C 77.21%; H 9.93%; N 6.00%; O 6.86%
Physical Description: Cryst. (EtOH aq.)
Melting Point: Mp 178.5°

>>Derivative: Ketone, semicarbazone

Physical Description: Cryst. (EtOH aq.)
Melting Point: Mp 163°