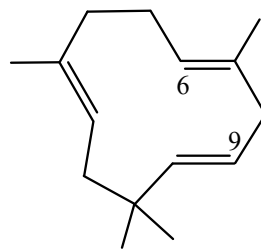




>>Entry Name: 2,6,9-Humulatriene

ENTRY UNDER REVIEW

Synonym(s): 2,6,6,9-Tetramethyl-1,4,8-cycloundecatriene. α -Humulene. α -Caryophyllene (obsol.). Humulene



CAS Registry Number: 6753-98-6

Molecular Formula: $C_{15}H_{24}$

Molecular Weight: 204.355

Accurate Mass: 204.1878

Percentage Composition: C 88.16%; H 11.84%

Biological Source: Constit. of many essential oils including hops (*Humulus lupulus*) and cloves (*Syzygium aromaticum*)

Physical Description: Oil

Boiling Point: Bp_{10} 123°

Fluka: 53675

Sigma: H5887

>>Derivative: $AgNO_3$ complex

Physical Description: Cryst. (EtOH)

Melting Point: Mp 175°

>>Derivative: 6,7-Episulfide

Synonym(s): 1,5,5,8-Tetramethyl-12-thiabicyclo[9.1.0]dodeca-3,7-diene, 9Cl

CAS Registry Number: 65563-96-4

Molecular Formula: $C_{15}H_{24}S$

Molecular Weight: 236.421

Accurate Mass: 236.15987

Percentage Composition: C 76.21%; H 10.23%; S 13.56%

Biological Source: Constit. of hops

Physical Description: Oil

>>Derivative: 9,10-Episulfide

Synonym(s): 3,7,7,10-Tetramethyl-12-thiabicyclo[9.1.0]dodeca-3,7-diene, 9Cl

CAS Registry Number: 74841-84-2

Molecular Formula: $C_{15}H_{24}S$

Molecular Weight: 236.421

Accurate Mass: 236.15987

Percentage Composition: C 76.21%; H 10.23%; S 13.56%

Biological Source: Constit. of hops

Physical Description: Oil

References:

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