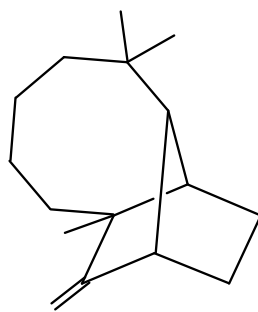




>>Entry Name: Longifolene

Synonym(s): Kuromatsuene. Junipene. Juniperene



CAS Registry Number: 475-20-7

Molecular Formula: C₁₅H₂₄

Molecular Weight: 204.355

Accurate Mass: 204.1878

Percentage Composition: C 88.16%; H 11.84%

Biological Source: Widespread in plants, found in turpentine

Use/Importance: Plant growth regulator (promotes wheat coleoptile growth). Abundant chiral starting material

Physical Description: Oil

Boiling Point: Bp₇₀₆ 254-256°. Bp₃₆ 150-151°

Optical Rotation: [α]_D +41.05

Aldrich: 23517-2

Fluka: 62635

Sigma: L8510

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