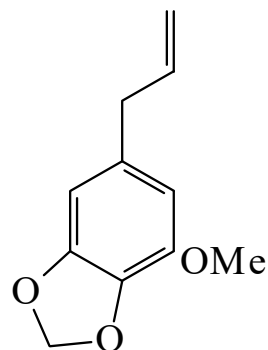




>>Entry Name: Myristicin

ENTRY UNDER REVIEW

Synonym(s): 4-Methoxy-6-(2-propenyl)-1,3-benzodioxole, 9Cl. 1-Methoxy-2,3-methylenedioxy-5-(2-propenyl)benzene. 1-Allyl-3-methoxy-4,5-methylenedioxybenzene



CAS Registry Number: 607-91-0

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 *Illicium anisatum*, dill, nutmeg, parsley and many other essential oils

Use/Importance: Diuretic. Narrow-spectrum insecticide. May be responsible for psychotic effects of nutmeg at large doses

Boiling Point: Bp₁₅ 149-149.5°. Bp_{0.2} 95-97°

Density: d₂₀²⁰ 1.14

Calculated Log P Data: Log P 2.56 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 4260 mg/kg

Sigma: M9411

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