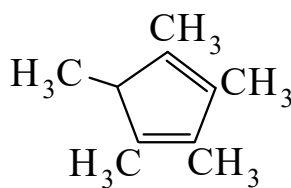




>>Entry Name: 1,2,3,4,5-Pentamethyl-1,3-cyclopentadiene, 9CI



CAS Registry Number: 4045-44-7

Extra CAS Registry Numbers(s): 41539-64-4

Molecular Formula: C₁₀H₁₆

Molecular Weight: 136.236

Accurate Mass: 136.1252

Percentage Composition: C 88.16%; H 11.84%

Use/Importance: Important ligand for synth. of η^5 -pentamethylcyclopentadienyl complexes in organomet. chem.

Physical Description: Colourless to pale yellow liq. with sweet alkenic odour

Boiling Point: Bp_{13.5} 58.3°

Other Data: Store under N₂ in freezer

Aldrich: 21402-7

Fluka: 76826

References:

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