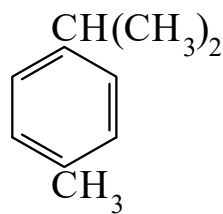




>>Entry Name: 1-Isopropyl-4-methylbenzene

ENTRY UNDER REVIEW

Synonym(s): 1-Methyl-4-(1-methylethyl)benzene, 9CI. *p*-Mentha-1,3,5-triene. *p*-Cymene. *p*-Isopropyltoluene. *p*-Cymol. Camphogene (obsol.). Camphene (obsol.). FEMA 2356



CAS Registry Number: 99-87-6

Extra CAS Registry Numbers(s): 25155-15-1

Molecular Formula: C₁₀H₁₄

Molecular Weight: 134.221

Accurate Mass: 134.10955

Percentage Composition: C 89.49%; H 10.51%

Biological Source: V. widely distributed in plant oils eg. terpentine and citrus oils and many others

Use/Importance: Used in perfumery and flavour industries

Physical Description: Liq.

Melting Point: Mp -67.94°

Boiling Point: Bp 177.1°

Solubility: BERDY SOL: Sol. MeOH, Et₂O; poorly sol. H₂O

Hazard & Toxicity: Flammable, fl. p. 47/53°, autoignition temp. 436/445°. Skin and mucous membrane irritant may cause CNS effects by inhalation. LD₅₀ (rat, orl) 4750 mg/kg

Aldrich: W23560-1

Fluka: 30040

Sigma: I2642

Supelco: S48-2356

References:

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