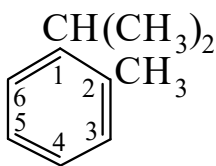




>>Entry Name: 1-Isopropyl-2-methylbenzene

Synonym(s): 1-Methyl-2-(1-methylethyl)benzene, 9CI. *o*-Isopropyltoluene. *o*-Cymene. *o*-Mentha-1,3,5-triene



CAS Registry Number: 527-84-4

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: Isol. from *Citrus aurantium* (sour orange)

Physical Description: Liq.

Melting Point: Mp -71.54°

Boiling Point: Bp 178.15°

Aldrich: 25527-0

Fluka: 30035

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 10A, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 856D, (*ir*)

Adv. Chem. Ser., 1955, **15**, 32, (*props*)

Allen, R.H. *et al.*, *J.A.C.S.*, 1961, **83**, 2799, (*synth*)

Parham, W.E. *et al.*, *Synthesis*, 1976, 116, (*synth, use*)

Hino, M. *et al.*, *Chem. Lett.*, 1977, 277, (*synth*)