



>>Entry Name: (2,2-Dimethylpropyl)benzene

Synonym(s): 2,2-Dimethyl-1-phenylpropane. Neopentylbenzene

CAS Registry Number: 1007-26-7

PhCH₂C(CH₃)₃

Molecular Formula: C₁₁H₁₆

Molecular Weight: 148.247

Accurate Mass: 148.1252

Percentage Composition: C 89.12%; H 10.88%

Physical Description: Liq.

Boiling Point: Bp 185.5-185.8°. Bp₅ 50°

Refractive Index: n_D^{18.3} 1.4884

Aldrich: 35907-6

Fluka: 41532

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 4B, (nmr)

Adv. Chem. Ser., 1955, **15**, 54, (*props*)

Bassindale, A.R. *et al.*, *J.C.S.(C)*, 1969, 2505, (*synth, pmr*)

Bullpitt, M. *et al.*, *J. Organomet. Chem.*, 1976, **116**, 187, (*cmr*)

Fry, A.J. *et al.*, *J.O.C.*, 1987, **52**, 2498, (*synth, pmr*)