



>>Entry Name: 1,4-Bis(1-methylethenyl)benzene, 9CI

Synonym(s): 1,4-Diisopropenylbenzene, 8CI

CAS Registry Number: 1605-18-1

Molecular Formula: C₁₂H₁₄

Molecular Weight: 158.243

Accurate Mass: 158.10955

Percentage Composition: C 91.08%; H 8.92%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 63-64°

Other Data: Undergoes anionic polym. and copolym. Cationic polym. gives a polyindan

References:

Uijttewand, A.P. *et al.*, *J.O.C.*, 1972, **4**, 261, (*synth, pmr*)

Hobbs, C.F. *et al.*, *Org. Prep. Proced. Int.*, 1972, **4**, 261, (*synth*)

Lutz, P. *et al.*, *Makromol. Chem.*, 1982, **183**, 2787, (*anionic polym*)

Colvin, H.A. *et al.*, *CHEMTECH.*, 1986, **16**, 500, (*rev, polym*)

Nuyken, O. *et al.*, *Makromol. Chem.*, 1992, **193**, 487, (*cationic polym*)