



>>Entry Name: 4,4'-Dichlorobiphenyl, 8Cl

CAS Registry Number: 2050-68-2

Extra CAS Registry Numbers(s): 25512-42-9

Molecular Formula: C₁₂H₈Cl₂

Molecular Weight: 223.101

Accurate Mass: 222.000304

Percentage Composition: C 64.60%; H 3.61%; Cl 31.78%

Physical Description: Cryst. (toluene/petrol)

Melting Point: Mp 149-150°

Boiling Point: Bp 315-319°

Supelco: R47-2390

References:

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Shaw, F.R. *et al.*, *J.C.S.*, 1932, 285, (*synth*)

McKillop, A. *et al.*, *Tetrahedron*, 1970, **26**, 4041, (*synth*)

Tarpley, A.R. *et al.*, *J. Phys. Chem.*, 1971, **75**, 421, (*pmr*)

Safe, S. *et al.*, *J.C.S. Perkin 1*, 1972, 686, (*ms*)

Albro, P.W. *et al.*, *J. Chromatogr.*, 1972, **69**, 273, (*glc*)

Imanari, M. *et al.*, *Bull. Chem. Soc. Jpn.*, 1974, **47**, 708, (*cmr*)

Hanai, T. *et al.*, *Anal. Chem.*, 1977, **49**, 764, (*uv, chromatog*)

Brock, C.P. *et al.*, *Acta Cryst. B*, 1978, **34**, 981, (*cryst struct*)

Botta, A. *et al.*, *Angew. Chem., Int. Ed.*, 1991, **30**, 1689, (*synth*)