



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

Synonym(s): *p,p'*-Bitolyl

CAS Registry Number: 613-33-2

Extra CAS Registry Numbers(s): 28013-11-8

Structure by analogy with 2,2'-Dimethylbiphenyl, [DZW76-E](#)

Molecular Formula: C₁₄H₁₄

Molecular Weight: 182.265

Accurate Mass: 182.10955

Percentage Composition: C 92.26%; H 7.74%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 120.7-121.5° (125°)

Boiling Point: Bp 295°

Aldrich: D15120-3

References:

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Johnson, E.A. *et al.*, *J.C.S.*, 1957, 4155, (*synth*)
Johnson, E.A. *et al.*, *Spectrochim. Acta*, 1959, **14**, 67, (*uv*)
Laseter, J.L. *et al.*, *Org. Mass Spectrom.*, 1970, **4**, 599, (*glc, ms*)
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Percec, V. *et al.*, *J.O.C.*, 1995, **60**, 176, (*synth, pmr*)
Courtois, V. *et al.*, *Tetrahedron*, 1997, **53**, 11569-11576, (*synth*)