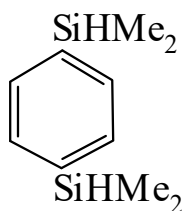




>>Entry Name: 1,4-Phenylenebis[dimethylsilane], 9Cl, 8Cl

Synonym(s): 1,4-Bis(dimethylsilyl)benzene



CAS Registry Number: 2488-01-9

Molecular Formula: C<sub>10</sub>H<sub>18</sub>Si<sub>2</sub>

Molecular Weight: 194.423

Accurate Mass: 194.094704

Percentage Composition: C 61.78%; H 9.33%; Si 28.89%

Source/Synthesis: Synth. from 1,4-dibromobenzene, Me<sub>2</sub>SiHCl and Mg in THF

Physical Description: Liq.

Boiling Point: Bp<sub>35</sub> 118°. Bp<sub>8</sub> 77-78°

Fluka: 14807

Sigma: D1929

#### References:

Merker, R.L. *et al.*, *J. Polym. Sci., Part A*, 1964, **2**, 15, (*synth*)

Wan, Y.-P. *et al.*, *J.A.C.S.*, 1972, **94**, 7680, (*synth*)

Pittman, C.U. *et al.*, *J. Polym. Sci., Polym. Chem. Ed.*, 1976, **14**, 1715, (*synth*)

Laguerre, M. *et al.*, *J. Organomet. Chem.*, 1978, **149**, 49, (*synth, ir, pmr*)