



>>Entry Name: **Bis(dimethylamino)diphenylsilane**

Synonym(s): *N,N,N',N'*-Tetramethyl-1,1-diphenylsilanediamine, 9CI

CAS Registry Number: 1027-62-9

(Me₂N)₂SiPh₂

Molecular Formula: C₁₆H₂₂N₂Si

Molecular Weight: 270.449

Accurate Mass: 270.155225

Percentage Composition: C 71.06%; H 8.20%; N 10.36%; Si 10.38%

Source/Synthesis: Synth. from Ph₂SiCl₂ + Me₂NH

Boiling Point: Bp_{1,9} 138-140°

References:

Yoder, C.H. *et al.*, *Inorg. Chem.*, 1966, **5**, 2055-2057, (*ir*)

Washburne, S.S. *et al.*, *J. Organomet. Chem.*, 1970, **21**, 59-64, (*synth, ir, pmr*)