



>>Entry Name: Bis(diethylamino)dimethylsilane

Synonym(s): *N,N,N',N'*-Tetraethyl-1,1-dimethylsilanediamine, 9CI

CAS Registry Number: 4669-59-4

(Et₂N)₂SiMe₂

Molecular Formula: C₁₀H₂₆N₂Si

Molecular Weight: 202.414

Accurate Mass: 202.186525

Percentage Composition: C 59.34%; H 12.95%; N 13.84%; Si 13.88%

Source/Synthesis: Synth. from Me₂SiCl₂ + Et₂NH

Boiling Point: Bp_{0.5} 36°

Density: d²⁰ 0.82

Refractive Index: n_D²⁰ 1.4340

References:

Abel, E.W. *et al.*, *J.C.S.*, 1965, 7098-7102, (*synth*)

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

Randell, E.W. *et al.*, *Inorg. Chem.*, 1967, **6**, 744-749, (*pmr*)

Cragg, R.H. *et al.*, *J. Organomet. Chem.*, 1984, **277**, 199-201, (*Si-29 nmr*)