



>>Entry Name: **1,1,1-Trimethyl-*N*-(phenylmethylene)silanamine**, 9CI

Synonym(s): *N*-Benzylidene-1,1,1-trimethylsilylamine, 8CI. *N*-(Trimethylsilyl)benzaldimine. (Benzylideneamino)trimethylsilane

CAS Registry Number: 17599-61-0

Extra CAS Registry Numbers(s): 120419-97-8 160191-51-5

Me3SiN=CHPh

Molecular Formula: C₁₀H₁₅NSi

Molecular Weight: 177.321

Accurate Mass: 177.097376

Percentage Composition: C 67.74%; H 8.53%; N 7.90%; Si 15.84%

Use/Importance: Synthetic intermed.

Physical Description: Pale yellow liq.

Boiling Point: Bp_{0.15} 45°

Refractive Index: n_D²⁹ 1.5132

References:

Krueger, C. *et al.*, *Chem. Ber.*, 1963, **96**, 2132-2137, (*synth, pmr, ir, uv*)

Hart, D.J. *et al.*, *J.O.C.*, 1983, **48**, 289-294, (*synth, pmr, ir, ms, use*)

Georg, G.I. *et al.*, *J.O.C.*, 1995, **60**, 7366-7368, (*E-form, synth, pmr, use*)