



>>Entry Name: *N*-Benzyl-*N*-(trimethylsilyl)methylamine

Synonym(s): *N*-[(Trimethylsilyl)methyl]benzenemethanamine, 12Cl

CAS Registry Number: 53215-95-5

Me3SiCH2NHCH2Ph

Molecular Formula: $C_{11}H_{19}NSi$

Molecular Weight: 193.363

Accurate Mass: 193.128676

Percentage Composition: C 68.33%; H 9.90%; N 7.24%; Si 14.52%

Source/Synthesis: Synth. from Me3SiCH2Cl + PhCH2NH2

Use/Importance: Precursor to Me3SiCH2N(CH2Ph)(CH2OMe), an azomethine ylide equiv.

Boiling Point: Bp₅ 89-90°

Aldrich: 30361-5

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 709B, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1670A, (*ir*)

Org. Synth., 1989, **67**, 133, (*synth, use, pmr*)