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>>Entry Name: Di-*tert*-butylmethylsilane

Synonym(s): Bis(1,1-dimethylethyl)methylsilane, 9CI

CAS Registry Number: 56310-20-4

$[(\text{H}_3\text{C})_3\text{C}]_2\text{SiHMe}$

Molecular Formula:  $\text{C}_9\text{H}_{22}\text{Si}$

Molecular Weight: 158.358

Accurate Mass: 158.149077

Percentage Composition: C 68.26%; H 14.00%; Si 17.74%

Source/Synthesis: Synth. from  $\text{MeSiHCl}_2 + \text{Bu}^t\text{Li}$

Physical Description: Liq.

Boiling Point: Bp 152-154°

**References:**

Doyle, M.P. *et al.*, *J.A.C.S.*, 1975, **97**, 3777-3782, (*synth*, *pmr*, *ms*)

Barton, T.J. *et al.*, *J.O.C.*, 1978, **43**, 3649-3653, (*synth*)