



>>Entry Name: (4-Fluorophenyl)trimethylsilane, 9Cl

Synonym(s): (*p*-Trimethylsilyl)fluorobenzene

CAS Registry Number: 455-17-4

Molecular Formula: C₉H₁₃FSi

Molecular Weight: 168.286

Accurate Mass: 168.077055

Percentage Composition: C 64.24%; H 7.79%; F 11.29%; Si 16.69%

Source/Synthesis: Synth. from 4-FC₆H₄MgBr + Me₃SiCl

Physical Description: Liq.

Boiling Point: Bp₁₇ 56°

Refractive Index: n_D²⁰ 1.4745

Aldrich: 46837-1

References:

Freeburger, M.E. *et al.*, *J.A.C.S.*, 1971, **93**, 1894, (*synth, pmr*)

Freeburger, M.E. *et al.*, *J.O.C.*, 1971, **36**, 933, (*ms*)

Nishimura, J. *et al.*, *J. Organomet. Chem.*, 1971, **29**, 237, (*synth*)

Scholl, R.L. *et al.*, *J.A.C.S.*, 1972, **94**, 6376, (*Si-29 nmr*)

Cutress, N.C. *et al.*, *J. Organomet. Chem.*, 1972, **43**, 131, (*ir*)

Effenberger, F. *et al.*, *Annalen*, 1979, 842, (*synth*)