



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

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

CAS Registry Number: 10557-71-8

Molecular Formula: C₉H₁₃ClSi

Molecular Weight: 184.74

Accurate Mass: 184.047504

Percentage Composition: C 58.51%; H 7.09%; Cl 19.19%; Si 15.20%

Source/Synthesis: Synth. from (4-ClC₆H₄)MgBr + Me₃SiCl

Physical Description: Liq.

Boiling Point: Bp₁₃ 84°

Refractive Index: n_D²⁰ 1.5100

Aldrich: 46839-8

References:

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

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

Schraml, J. *et al.*, *Coll. Czech. Chem. Comm.*, 1975, **40**, 897, (*Si-29 nmr, cmr*)

Hencsei, P. *et al.*, *Kem. Kozl.*, 1976, **46**, 414; *CA*, **87**, 22153, (*uv*)

Bishop, M.E. *et al.*, *Spectrochim. Acta A*, 1976, **32**, 1519, (*ir, Raman*)

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

Haubold, W. *et al.*, *J. Organomet. Chem.*, 1986, **315**, 1, (*pmr*)