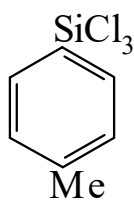




>>Entry Name: Trichloro(4-methylphenyl)silane, 9CI

Synonym(s): Trichloro(*p*-tolyl)silane. *p*-Trichlorosilyltoluene



CAS Registry Number: 701-35-9

Molecular Formula: C₇H₇Cl₃Si

Molecular Weight: 225.576

Accurate Mass: 223.938258

Percentage Composition: C 37.27%; H 3.13%; Cl 47.15%; Si 12.45%

Source/Synthesis: Synth. from (*p*-tolyl)MgBr and SiCl₄

Physical Description: Liq.

Boiling Point: Bp₁₇ 132°

Aldrich: 41935-4

References:

Goodman, L. *et al.*, *J.A.C.S.*, 1965, **87**, 1012, (*synth, uv*)

Hradil, J. *et al.*, *Coll. Czech. Chem. Comm.*, 1967, **32**, 171, (*synth*)

Vo, K.-Y. *et al.*, *Coll. Czech. Chem. Comm.*, 1973, **38**, 3167, (*cmr*)

Bochkarev, V.N. *et al.*, *Zh. Obshch. Khim.*, 1980, **50**, 1783; *CA*, **94**, 64674, (*ms*)