



>>Entry Name: Trichloro(4-chlorophenyl)silane, 9Cl

Synonym(s): (4-Chlorophenyl)trichlorosilane

CAS Registry Number: 825-94-5

Related CAS Registry Numbers(s): 26571-79-9

Molecular Formula: C₆H₄Cl₄Si

Molecular Weight: 245.994

Accurate Mass: 243.883635

Percentage Composition: C 29.30%; H 1.64%; Cl 57.65%; Si 11.42%

Source/Synthesis: Synth. from PhSiCl₃ + Cl₂ + AlCl₃

Physical Description: Liq.

Boiling Point: Bp₂ 63-65°

Hazard & Toxicity: Strong irritant

References:

Grüttner, G. *et al.*, *Ber.*, 1917, **50**, 1559, (*synth*)

Chvalovsky, V. *et al.*, *Coll. Czech. Chem. Comm.*, 1951, **16**, 580, (*synth*)

Reikhsfel'd, V.O. *et al.*, *Zh. Obshch. Khim.*, 1973, **43**, 2219; *CA*, **80**, 94825, (*uv*)

Ernst, C.R. *et al.*, *J.A.C.S.*, 1974, **96**, 5375, (*Si-29 nmr*)

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

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, CKM250