



>>Entry Name: 1,7-Dichloro-1,1,3,3,5,5,7,7-octamethyltetrasiloxane, 9Cl

CAS Registry Number: 2474-02-4

ClSiMe₂OSiMe₂OSiMe₂OSiMe₂Cl

Molecular Formula: C₈H₂₄Cl₂O₃Si₄

Molecular Weight: 351.523

Accurate Mass: 350.017957

Percentage Composition: C 27.33%; H 6.88%; Cl 20.17%; O 13.65%; Si 31.96%

Source/Synthesis: Synth. by hydrol. of Me₂SiCl₂

Melting Point: Mp -62°

Boiling Point: Bp 222°

Density: d²⁰ 1.01

Refractive Index: n_D²⁰ 1.4047

References:

Patnode, W.I. *et al.*, *J.A.C.S.*, 1946, **68**, 358-363, (*synth*)

Scheim, U. *et al.*, *J. Organomet. Chem.*, 1989, **375**, 33-37, (*O-17 nmr*)

Ishikawa, M. *et al.*, *Organometallics*, 1994, **13**, 808-812, (*synth, ir, pmr, cmr*)