



>>Entry Name: 1,3-Dimethyl-1,1,3,3-tetraphenyldisiloxane, 9CI

CAS Registry Number: 807-28-3

Ph2MeSiOSiMePh2

Molecular Formula: $C_{26}H_{26}OSi_2$

Molecular Weight: 410.662

Accurate Mass: 410.152219

Percentage Composition: C 76.04%; H 6.38%; O 3.90%; Si 13.68%

Source/Synthesis: Synth. by hydrol. of Ph2MeSiOEt

Physical Description: Cryst.

Melting Point: Mp 50°

Boiling Point: Bp_{0.1} 180°

References:

Daudt, W.H. *et al.*, *J.A.C.S.*, 1952, **74**, 386-390, (*synth*)

Horak, M. *et al.*, *Coll. Czech. Chem. Comm.*, 1959, **24**, 3381-3388, (*ir, uv, Raman*)

Homer, J. *et al.*, *J.C.S.(B)*, 1967, 67-71, (*pmr*)

Engelhardt, G. *et al.*, *J. Organomet. Chem.*, 1973, **54**, 115-122, (*Si-29 nmr*)

Bochkarev, V.N. *et al.*, *Zh. Obshch. Khim.*, 1978, **48**, 858-863; *CA*, **89**, 196412r, (*ms*)

Larson, G.L. *et al.*, *Synth. React. Inorg. Met.-Org. Chem.*, 1981, **11**, 173-178, (*synth*)

Ruehlmann, K. *et al.*, *J. Organomet. Chem.*, 1988, **340**, 19-21, (*O-17 nmr*)

Wojnowski, W. *et al.*, *Z. Anorg. Allg. Chem.*, 1988, **562**, 17-22, (*cryst struct*)