



>>Entry Name: Dimethyldiphenylsilane, 10Cl

CAS Registry Number: 778-24-5

Ph₂SiMe₂

Molecular Formula: C₁₄H₁₆Si

Molecular Weight: 212.366

Accurate Mass: 212.102127

Percentage Composition: C 79.18%; H 7.59%; Si 13.23%

Source/Synthesis: Synth. from Ph₂SiCl₂ and MeMgCl

Physical Description: Liq.

Boiling Point: Bp_{0.2} 89°

Rare Chemicals Library: S82462-3

References:

- Mares, F. *et al.*, *Coll. Czech. Chem. Comm.*, 1967, **32**, 382, (*synth*)
Molchanova, T.V. *et al.*, *CA*, 1968, **68**, 13069, (*synth*)
Smith, A.L., *Spectrochim. Acta A*, 1968, **24**, 695, (*ir, Raman*)
Rastelli, A. *et al.*, *J. Mol. Struct.*, 1973, **18**, 463, (*pmr, struct*)
Correa-Duran, F. *et al.*, *J. Organomet. Chem.*, 1973, **49**, 353, (*uv*)
Rakita, P.E. *et al.*, *Inorg. Nucl. Chem. Lett.*, 1977, **13**, 547, (*pmr*)
Hengge, E. *et al.*, *Monatsh. Chem.*, 1979, **110**, 39, (*synth*)
Vandenheuvel, W.J.A. *et al.*, *J. Organomet. Chem.*, 1980, **190**, 73, (*ms*)
Traven, V.F. *et al.*, *Zh. Obshch. Khim.*, 1980, **50**, 2001, (*pe, uv*)