



>>Entry Name: Difluorodimethylsilane, 9CI

CAS Registry Number: 353-66-2

Me_2SiF_2

Molecular Formula: $\text{C}_2\text{H}_6\text{F}_2\text{Si}$

Molecular Weight: 96.152

Accurate Mass: 96.020683

Percentage Composition: C 24.98%; H 6.29%; F 39.52%; Si 29.21%

Source/Synthesis: Synth. from $\text{SiMe}_2\text{Cl}_2 + \text{SbF}_3$

Physical Description: Gas

Melting Point: Mp -87.5°

Boiling Point: Bp 2.7°

References:

Seel, F. *et al.*, *Annalen*, 1965, **684**, 1, (*synth*)

Hunter, B.K. *et al.*, *Can. J. Chem.*, 1968, **46**, 1399, (*synth, pmr*)

Dathe, C. *et al.*, *Z. Chem.*, 1968, **8**, 258, (*synth*)

Mueller, R. *et al.*, *Z. Chem.*, 1971, **11**, 38, (*synth*)

Bulkowski, J.E. *et al.*, *J. Organomet. Chem.*, 1975, **87**, 137, (*synth*)

Inorg. Synth., 1976, **16**, 139, (*synth*)