



>>Entry Name: Ethylsilane, 11Cl

CAS Registry Number: 2814-79-1

EtSiH₃

Molecular Formula: C₂H₈Si

Molecular Weight: 60.171

Accurate Mass: 60.039527

Percentage Composition: C 39.92%; H 13.40%; Si 46.68%

Source/Synthesis: Synth. from SiH₄ + Na in HMPA, then EtI

Melting Point: Fp -179.7°

Boiling Point: Bp -13.7° (extrap.)

References:

Finholt, A.E. *et al.*, *J.A.C.S.*, 1947, **69**, 2692, (*synth*)

Tannenbaum, S. *et al.*, *J.A.C.S.*, 1953, **75**, 3753, (*synth, props*)

White, D.G. *et al.*, *J.A.C.S.*, 1954, **76**, 3897, (*synth*)

Cradock, S. *et al.*, *Inorg. Chem.*, 1967, **6**, 1751, (*synth*)

Innorta, G. *et al.*, *Acta Chim. Acad. Sci. Hung.*, 1976, **89**, 23, (*ms*)

Carleer, R. *et al.*, *Org. Magn. Reson.*, 1980, **13**, 253, (*pmr*)

McKean, D.C. *et al.*, *Spectrochim. Acta A*, 1985, **41**, 25, (*ir*)