



>>Entry Name: Hexamethyldisilatellurane, 9CI

Synonym(s): Hexamethyldisiltellurane, 8CI. Bis(trimethylsilyl) telluride

CAS Registry Number: 4551-16-0

(Me₃Si)₂Te

Molecular Formula: C₆H₁₈Si₂Te

Molecular Weight: 273.979

Accurate Mass: 276.000933

Percentage Composition: C 26.30%; H 6.62%; Si 20.50%; Te 46.57%

Source/Synthesis: Synth. from Me₃SiCl + Na₂Te

Physical Description: Liq.

Boiling Point: Bp_{0.25} 40-42°

References:

Drake, J.E. *et al.*, *Can. J. Chem.*, 1979, **57**, 3253; 1980, **58**, 2161, (*synth, pmr, cmr, ir, Raman*)

DuMont, W.W., *Angew. Chem., Int. Ed.*, 1980, **19**, 554, (*synth*)

Drake, J.E. *et al.*, *J. Inorg. Nucl. Chem.*, 1980, **42**, 175, (*ms*)

DuMont, W.W. *et al.*, *Z. Naturforsch., B*, 1981, **36**, 332, (*Te-125 nmr*)

Detty, M.R. *et al.*, *J.O.C.*, 1982, **47**, 1354, (*synth*)