



>>Entry Name: Tetramethoxygermanium

Synonym(s): Germanium(IV) methoxide. Methanol germanium(4+) salt (4:1)

CAS Registry Number: 992-91-6

Ge(OMe)₄

Molecular Formula: C₄H₁₂GeO₄

Molecular Weight: 196.746

Accurate Mass: 197.994737

Percentage Composition: C 24.42%; H 6.15%; Ge 36.91%; O 32.53%

Physical Description: Liq.

Melting Point: Mp −18°

Boiling Point: Bp 145°. Bp₃₆ 66-67°

Density: d²⁰ 1.325

Hazard & Toxicity: Fl. p. 34°

Aldrich: 39636-2

Other: Gelest GET7500

References:

Bottei, R.S. *et al.*, *J. Inorg. Nucl. Chem.*, 1968, **30**, 415, (*pmr*)

Dube, G., *Z. Chem.*, 1969, **9**, 316, (*ms*)

Kaufman, J. *et al.*, *Z. Naturforsch., A*, 1971, **26**, 1384, (*Ge-73 nmr*)

Skobeleva, S.E. *et al.*, *Dokl. Akad. Nauk SSSR, Ser. Khim.*, 1973, **210**, 122, (*ir*)