



>>Entry Name: Germanium(II) bromide (GeBr₂), 9CI

Synonym(s): Germanium dibromide

CAS Registry Number: 24415-00-7

GeBr₂

Molecular Formula: Br₂Ge

Molecular Weight: 232.418

Accurate Mass: 231.797849

Percentage Composition: Br 68.76%; Ge 31.24%

Source/Synthesis: Synth. from GeBr₄ + Ge

Physical Description: Cryst. Disproportionates to GeBr₄ and Ge at 150°. Hydrol. to Ge(OH)₂

Melting Point: Mp 143-144°

References:

Brewer, F.M. *et al.*, *J. Phys. Chem.*, 1927, **31**, 1526, (*synth*)

Curtis, M.D. *et al.*, *Inorg. Chem.*, 1972, **11**, 431, (*synth*)

Rouse, R.C. *et al.*, *Z. Kristallogr., Kristallgeom., Kristallphys., Kristallchem.*, 1977, **145**, 161, (*cryst struct*)

Shultz, G. *et al.*, *J. Mol. Struct.*, 1982, **82**, 107, (*struct*)

Van der Kerk, S.M., *Polyhedron*, 1983, **2**, 509, (*synth, ms*)