



>>Entry Name: Germanium(II) selenide (GeSe)

CAS Registry Number: 12065-10-0
GeSe

Molecular Formula: GeSe

Molecular Weight: 151.57

Accurate Mass: 153.837697

Percentage Composition: Ge 47.91%; Se 52.09%

Source/Synthesis: Synth. from Ge + Se or from $\text{GeCl}_2 + \text{H}_2\text{Se}$

Physical Description: Oxidises readily in air

Melting Point: Mp 667°

References:

Ivanov-Emin, B.N., *J. Gen. Chem. USSR (Engl. Transl.)*, 1940, **10**, 1813, (*synth*)

Wiedemeier, H. *et al.*, *Z. Kristallogr.*, 1978, **148**, 295, (*cryst struct*)

Muller, J.C. *et al.*, *Int. J. Mass Spectrom. Ion Phys.*, 1986, **70**, 119, (*ms*)