



>>Entry Name: Tin(IV) selenide (SnSe₂), 9CI

CAS Registry Number: 20770-09-6

SnSe₂

Molecular Formula: Se₂Sn

Molecular Weight: 276.63

Accurate Mass: 277.73524

Percentage Composition: Se 57.09%; Sn 42.91%

Source/Synthesis: Synth. from the elements

Physical Description: Cryst. A non-cryst. form also known. Semiconductor

Melting Point: Mp 625°

References:

Busch, G. *et al.*, *Helv. Phys. Acta*, 1961, **34**, 359, (*cryst struct, electrical props*)

Mead, D.G. *et al.*, *Solid State Commun.*, 1976, **20**, 851, (*Raman*)

Bordas, J. *et al.*, *J. Phys. C: Solid State Phys.*, 1978, **11**, 2607, (*uv*)

Houenou, P. *et al.*, *C. R. Hebd. Seances Acad. Sci. Ser. 2*, 1982, **295**, 455, (*Mössbauer*)

Boolchand, P. *et al.*, *Phosphorus Sulfur Relat. Elem.*, 1987, **38**, 305, (*glass formn, rev*)