



>>Entry Name: Silver tungsten oxide (As₂WO₄), 9CI

Synonym(s): Silver tungstate. Silver tetratungstate

CAS Registry Number: 13465-93-5

Extra CAS Registry Numbers(s): 56832-78-1

Ag₂WO₄

Molecular Formula: Ag₂O₄W

Molecular Weight: 463.584

Accurate Mass: 461.740772

Percentage Composition: Ag 46.54%; O 13.80%; W 39.66%

Source/Synthesis: Synth. from AgNO₃ + Na₂WO₄ in H₂O

Physical Description: Cryst.

Melting Point: Mp 620°

References:

Clark, G.M. *et al.*, *Spectrochim. Acta*, 1966, **22**, 1441-1447, (*ir*)

Skarstad, P.M. *et al.*, *Mater. Res. Bull.*, 1975, **10**, 791-799, (*cryst struct*)

Van den Berg, A.J. *et al.*, *J. Appl. Crystallogr.*, 1982, **15**, 114-116, (*cryst struct, polymorphism*)

Inorg. Synth., 1983, **22**, 76-79, (*synth, cryst struct*)