



>>Entry Name: Zinc borate oxide [Zn₃(BO₂)₄O]

Synonym(s): Zinc tetraborate

CAS Registry Number: 12536-65-1

Extra CAS Registry Numbers(s): 31716-88-8 62610-90-6

Zn₃(BO₂)₄O

Molecular Formula: B₄O₉Zn₃

Molecular Weight: 383.409

Accurate Mass: 379.77889

Percentage Composition: B 11.28%; O 37.56%; Zn 51.16%

Source/Synthesis: Synth. by heating ZnO + B₂O₃

Physical Description: Cryst.

Melting Point: Mp 980°

References:

Tournay, R., *C. R. Hebd. Seances Acad. Sci.*, 1936, **203**, 558-560, (*synth*)