



>>Entry Name: Copper(II) oxalate

Synonym(s): [Ethanedioato(2-)-O¹,O²]copper, 9CI. Ethanedioic acid copper(2+) salt (1:1)

CAS Registry Number: 814-91-5

Extra CAS Registry Numbers(s): 76494-22-9

Cu(C₂O₄)

Molecular Formula: C₂CuO₄

Molecular Weight: 151.566

Accurate Mass: 150.919258

Percentage Composition: C 15.85%; Cu 41.93%; O 42.22%

Source/Synthesis: Synth. from CuSO₄ + oxalic acid

Physical Description: Bluish-white powder

Melting Point: Mp 310° (dec.)

Other Data: Forms a hemihydrate which loses H₂O by 200°

References:

Douville, F. *et al.*, *C. R. Hebd. Seances Acad. Sci.*, 1941, **212**, 697-700, (*ir*)

David, R., *Bull. Soc. Chim. Fr.*, 1960, 719-736, (*synth*)

Kondrashev, Yu.D. *et al.*, *Zh. Strukt. Khim.*, 1985, **26**, 90-93; *CA*, **102**, 195603d, (*cryst struct*)