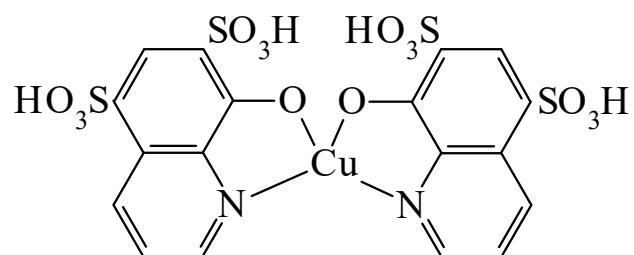




>>Entry Name: Bis[8-hydroxy-5,7-quinolinedisulfonato(3-)-*N*¹,*O*⁸]cuprate(4-) tetrahydrogen, 9Cl



CAS Registry Number: 54409-63-1

Molecular Formula: C₁₈H₁₂CuN₂O₁₄S₄

Molecular Weight: 672.108

Accurate Mass: 670.856736

Percentage Composition: C 32.17%; H 1.80%; Cu 9.45%; N 4.17%; O 33.33%; S 19.08%

>>Derivative: Compd. with diethylamine (1:4)

Synonym(s): Cuproxoline, BAN, INN. Cujec. Cuprimyl. Dicuprene

CAS Registry Number: 13007-93-7

Molecular Formula: C₃₄H₅₆CuN₆O₁₄S₄

Molecular Weight: 964.658

Accurate Mass: 963.213332

Percentage Composition: C 42.33%; H 5.85%; Cu 6.59%; N 8.71%; O 23.22%; S 13.30%

Use/Importance: Used in treatment of copper deficiency. Antirheumatic

Hazard & Toxicity: LD₅₀ (rat, ims) 126 mg/kg. LD₅₀ (rbt, ivn) 150 mg/kg

References:

Suttle, N.F., *Vet. Rec.*, 1981, **109**, 304, (use)

Martindale, *The Extra Pharmacopoeia*, 28th/29th edn., Pharmaceutical Press, 1982, 15331