

Bis (trans-(E)-2-[[4-(4-acetylphenylsulfanyl) phenylimino-κN] methyl} phenolato-κO) copper (II)

Authors

Rabihe Hebbachi, Nourredine Benali-Cherif

Publication date

2005/6/1

Journal

Acta Crystallographica Section E: Structure Reports Online

Volume

61

Issue

6

Pages

m1188-m1190

Publisher

International Union of Crystallography

Description

In the structure of the mononuclear title complex, $[\text{Cu}(\text{C}_{21}\text{H}_{16}\text{NO}_2\text{S})_2]$, the CuII atom, which lies on an inversion centre, displays approximately square-planar coordination geometry. The bidentate ligands coordinate through their phenolate O and imine N atoms in a mutually trans orientation. The structure is stabilized by a three-dimensional network of C—H...O hydrogen bonds.