

**CRYSTAL STRUCTURE OF BIS[2-((*E*)-(p-TOLYLIMINO)
METHYL)-6-BROMO-4-CHLOROPHENOL]COPPER(II)**

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A new complex $\text{CuL}_2 \cdot 1$ [HL = 2-((*E*)-(p-tolylimino) methyl)-6-bromo-4-chlorophenol] is obtained and characterized using the single crystal X-ray diffraction analysis. The crystal belongs to the monoclinic system, $P2_1/c$ space group, with $a = 13.3203(13) \text{ \AA}$, $b = 12.3052(11) \text{ \AA}$, $c = 17.8664(17) \text{ \AA}$, $\beta = 105.3420(10)^\circ$, $V = 2824.1(5) \text{ \AA}^3$, $Z = 4$, $D_c = 1.672 \text{ g/cm}^3$, $R_1 = 0.0686$. The geometry around copper(II) is intermediate between square planar and tetrahedral. The units of the complex are linked via weak intermolecular Br...Br contracts, leading to the formation of one-dimension (1D) chains along the b axis; the multipoint Cu...Cl intermolecular interactions extend the 1D chain into a 2D layer.

Keywords: copper(II) complexes, single crystal X-ray analysis.