

Bis(N-isopropyl-N-methyldithiocarbamato-[kappa]2S,S')(1,10-phenanthroline-[kappa]2N,N')zinc.

ABSTRACT

The ZnII atom in the title compound, [Zn(C₅H₁₀NS₂)₂(C₁₂H₈N₂)], exists in a distorted cis-octahedral N₂S₄ donor set defined by two chelating dithiocarbamate anions as well as a 1,10-phenanthroline ligand. Each of the ligands coordinates in a symmetric mode. The crystal packing is stabilized by weak C-H...S, C-H...[pi](ZnS₂C) and [pi]-[pi] [ring centroid distance between centrosymmetrically related pyridyl rings = 3.5955 (13) Å] interactions

Keyword: Crystal; Atom; Zinc.