

Assembling novel Cd(II) complexes with multidentate nitrogen donor ligands obtained *in situ* from the system: zerovalent copper, cadmium oxide, 1-hydroxymethyl-3,5-dimethylpyrazole and ammonium thiocyanate.

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Streszczenie

A novel 3D coordination polymer $[\text{Cd}_2(\text{L}^1)_2(\text{SCN})_4(\text{MeOH})_2]_n$ (**1**) and monomeric $[\text{Cd}(\text{NCS})_2\text{L}^2]$ (**2**) (L^1 = urotropine, L^2 = tris(1-(3,5-dimethylpyrazolylmethyl))amine) have been prepared in a one-pot synthesis using 1-hydroxymethyl-3,5-dimethylpyrazole as the starting ligand. The most prominent feature is the formation in situ of the organic compounds: urotropine and scorpionate-tripodal ligands.

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