

Synthesis, Structural Determination, and Physicochemical Property Studies of Novel Coordination Polymers Incorporating Kinked and Hydrogen-Bonding Capable Bifunctional Organodiimines

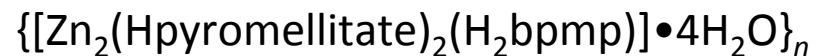
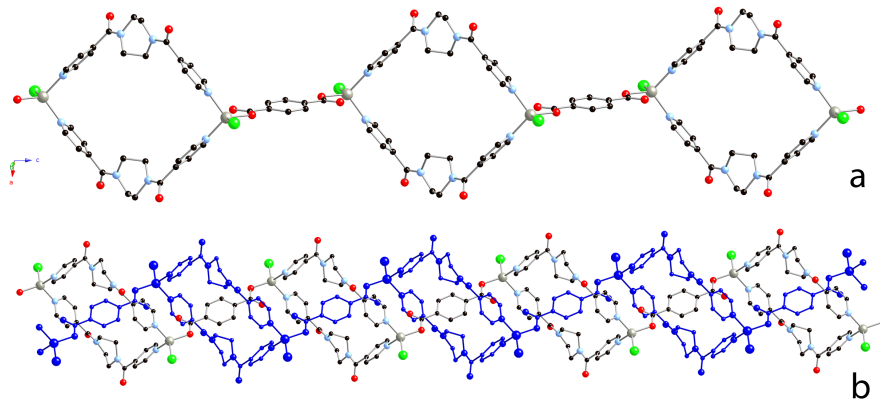
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Bis(pyridylformyl)piperazine (bpfp) and bis(pyridylmethyl)piperazine (bpmp) tethering ligands have afforded luminescent divalent metal carboxylate coordination polymers with novel topologies



the first 1-D + 1-D \rightarrow 1-D parallel *pseudo*-rotaxane coordination polymer



unprecedented yet very simple 3,4-connected binodal $(4.8^2)(4.8^2 10^3)$ self-penetrated topology

