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 dipyridylamine (dpa) tethering ligands have afforded luminescent divalent metal carboxylate coordination polymers with novel topologies

\[
\text{novel } (4^26^28^2)_4(6^28^4) \text{ binodal topology}
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\text{simple yet very rare 4-connected } 6^58 \text{ layered topology}
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