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Exploring methyl-3-hydroxy-5-carboxy-2-thiophenecarboxylate and varying flexible bis(imidazole)-based synthons as building blocks for the construction of diverse cadmium coordination polymers

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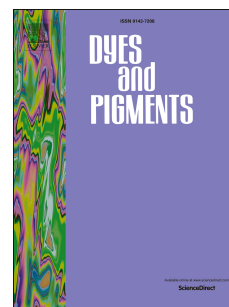
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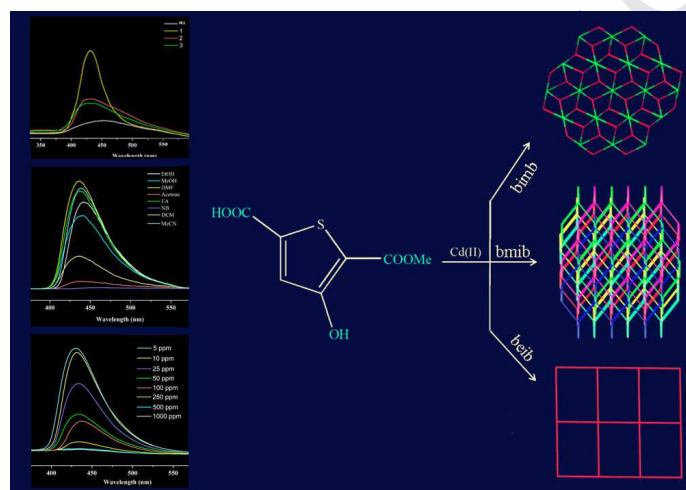


Graphical Abstract:

Title: Exploring methyl-3-hydroxy-5-carboxy-2-thiophenecarboxylate and varying flexible bis(imidazole)-based synthons as building blocks for the construction of diverse cadmium coordination polymers

Key Topic:

Three new Cd(II)-based coordination polymers with unique structures and topologies have been successfully constructed using a new designed methyl-3-hydroxy-5-carboxy-2-thiophenecarboxylate ligand in the presence of bis(imidazole) ligands.



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