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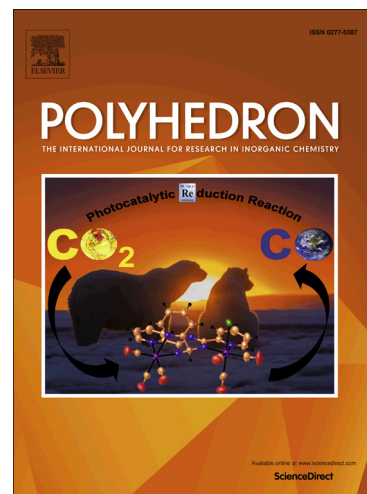
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Thermodynamic insight into solvent-effect on structures and antifungal activities of manganese(II) complexes with acylhydrazone

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ABSTRACT

Three manganese(II) complexes, $[\text{Mn}(\text{HL})(\text{EtOH})_2\text{Cl}]_2$ (**1**), $[\text{Mn}_2(\text{HL})_2(\text{EtOH})_3(\text{H}_2\text{O})\text{Cl}_2]_2 \cdot [\text{Mn}(\text{HL})(\text{EtOH})(\text{H}_2\text{O})\text{Cl}]_2 \cdot [\text{Mn}(\text{HL})(\text{EtOH})_2\text{Cl}]_2 \cdot 4\text{EtOH}$ (**2**) and $\text{Mn}(\text{HL})_2 \cdot 2\text{H}_2\text{O}$ (**3**) ($\text{H}_2\text{L} = \text{N}-(2\text{-propionic acid})-(4\text{-methoxy benzoyl})$ hydrazone), have been synthesized by self-assembly of MnCl_2 with H_2L in different ethanol/water systems. To better

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