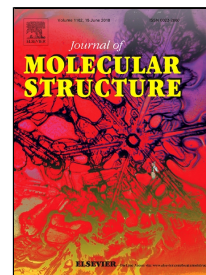


Accepted Manuscript

Synthesis, spectroscopic characterization, single crystal X-ray analysis and DFT calculation of isomeric $\text{Cu}(\text{MR})_2(\beta/\gamma\text{-pic})_2$ complexes: First transition metal complexes of methyl red



Santosh Kumar, Raj Pal Sharma, Paloth Venugopalan, Thammarat Aree

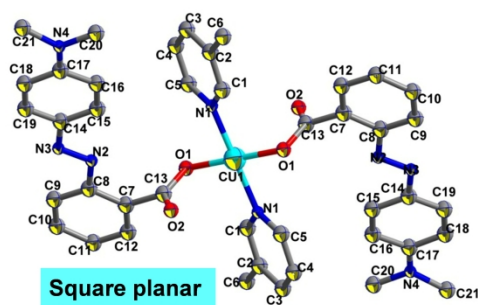
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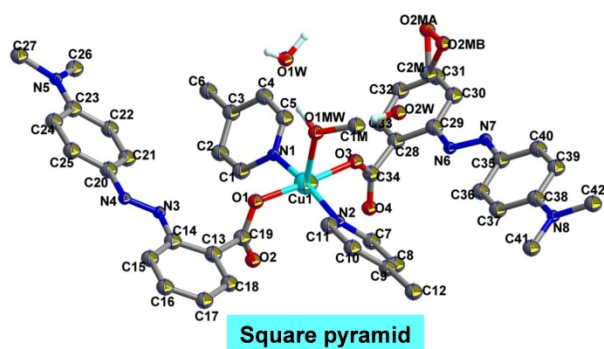
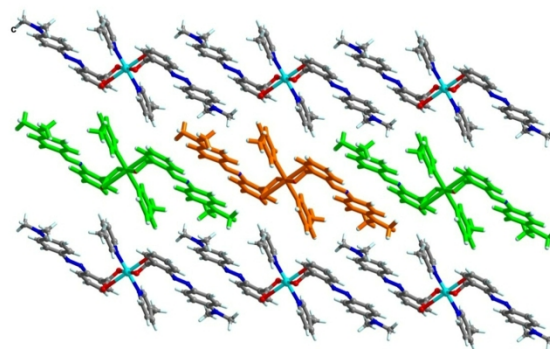
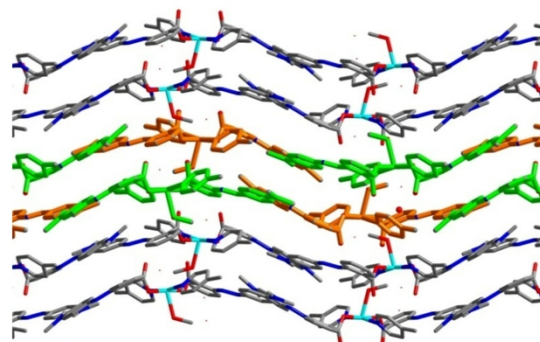
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Graphical abstract

FIRST two isomeric copper(II) methyl red complexes with N-donor ligands

1 $\text{Cu}(\text{methyl red})_2(\beta\text{-picoline})_2$

Layer arrangement

2 $[\text{Cu}(\text{methyl red})_2(\gamma\text{-picoline})_2(\text{MeOH})_{0.5}(\text{H}_2\text{O})_{0.5}] \cdot 0.5\text{MeOH} \cdot 1.5\text{H}_2\text{O}$ 

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