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Research paper

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# Cu(II) ion directed self-assembly of a Y8/Cu6 heterometallic coordination cage via an Y(III) metalloligand

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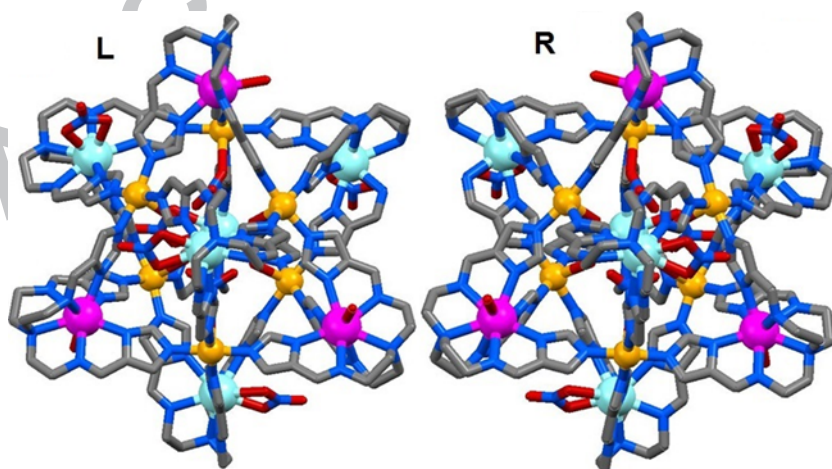
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**Keywords:** Self-assembly; Coordination cage; Heterometallic; Copper; Yttrium;

## Coordination cage

**TOC:** A non-centrosymmetric Y(III) metalloligand was synthesized and used in a Cu(II) ion directed self-assembly to form a Y8/Cu6 heterometallic coordination cage. The cage formation in both solution and in the solid state was demonstrated.

## Graphic abstract:



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