

## Supplementary information

### Five M(II) Coordination Polymers Assembled from Various Polynuclear Units Spaced by Semirigid Carboxyphenylpropionate and N-donor Coligand

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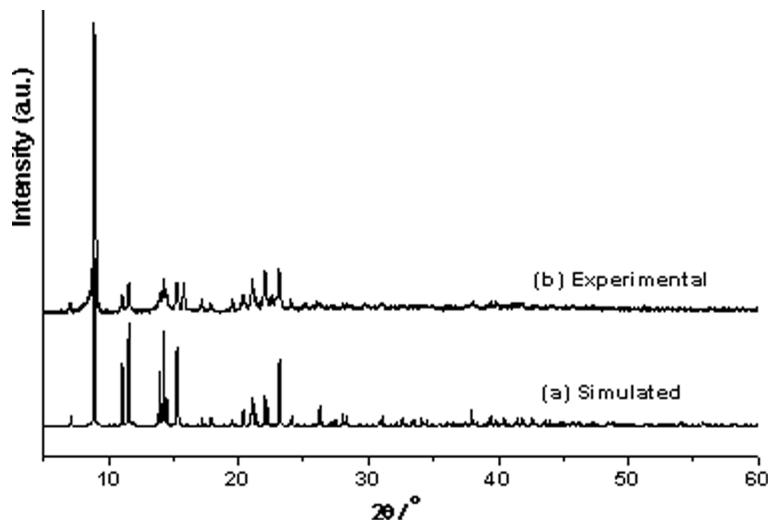


Fig. S1 The experimental and simulated PXRD patterns for complex 1.

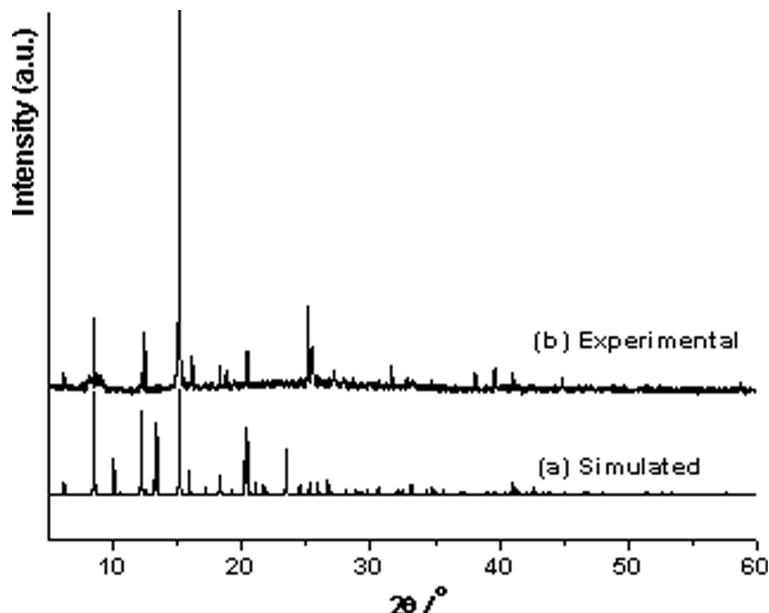
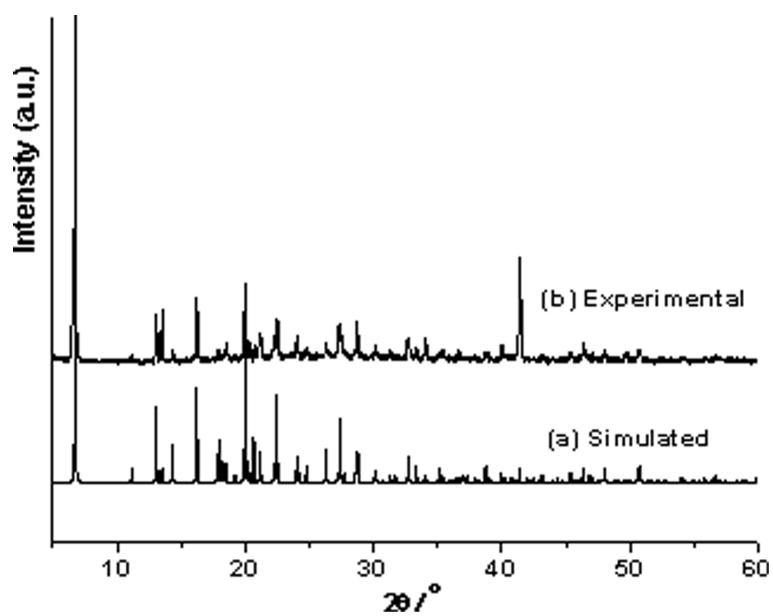
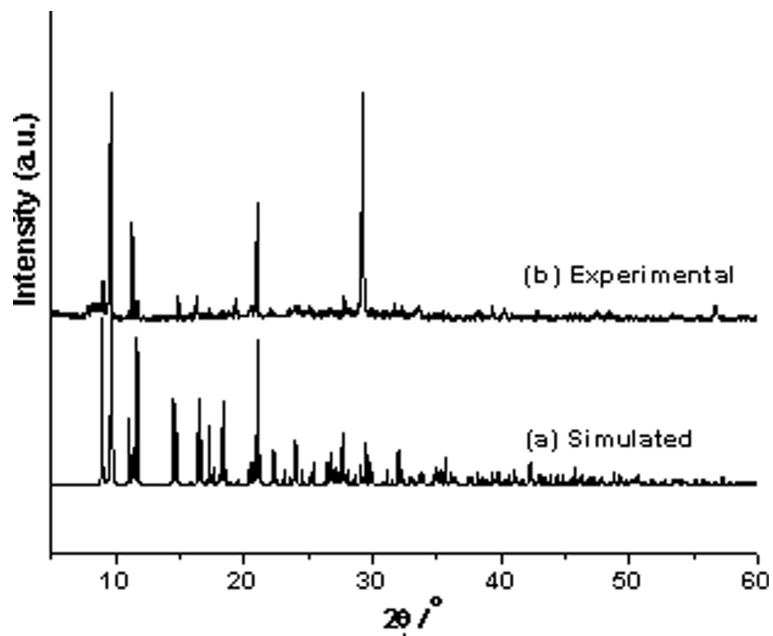


Fig. S2 The experimental and simulated PXRD patterns for complex 2.

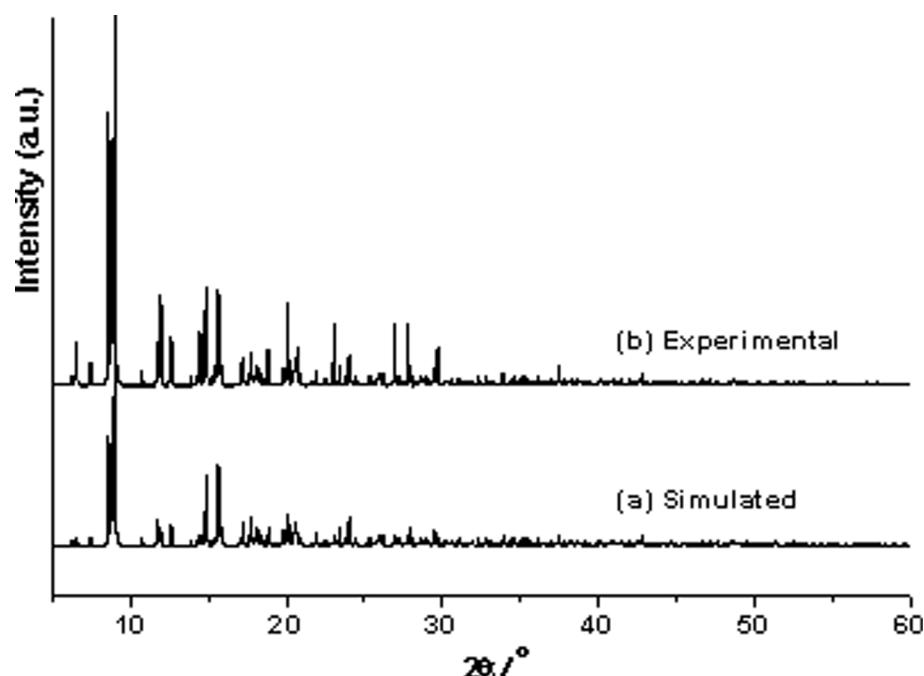
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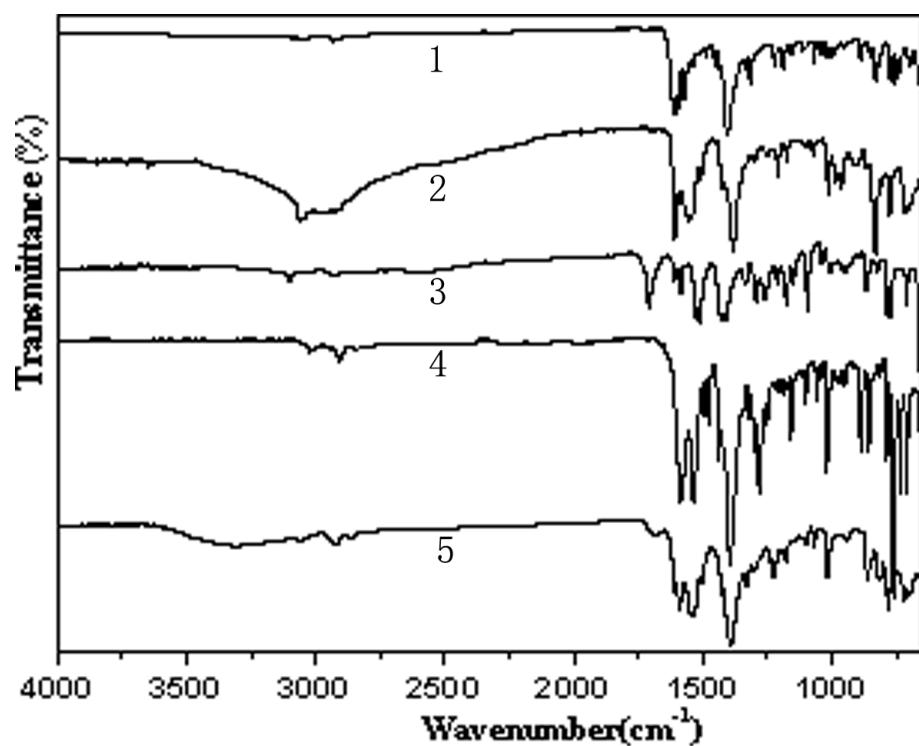
**Fig. S3** The experimental and simulated PXRD patterns for complex 3.



**Fig. S4** The experimental and simulated PXRD patterns for complex 4.



**Fig. S5** The experimental and simulated PXRD patterns for complex **5**.



**Fig. S6** IR spectra of complexes **1-5**.