

**Supplementary Information for**

**Self-assembled metallo-macrocycle based coordination polymers  
with unsymmetrical amide ligands**

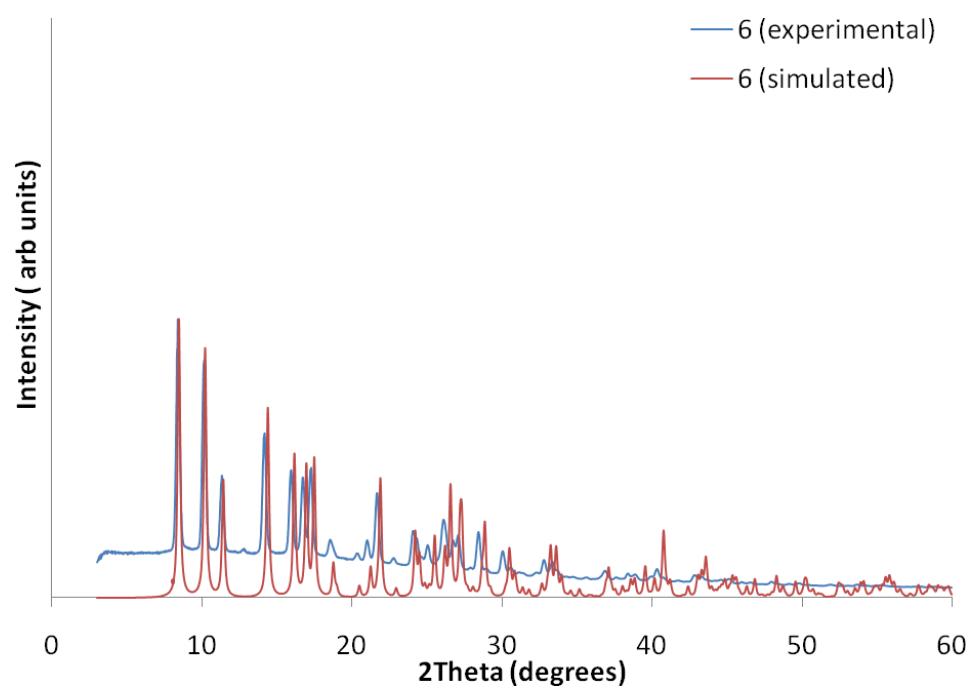
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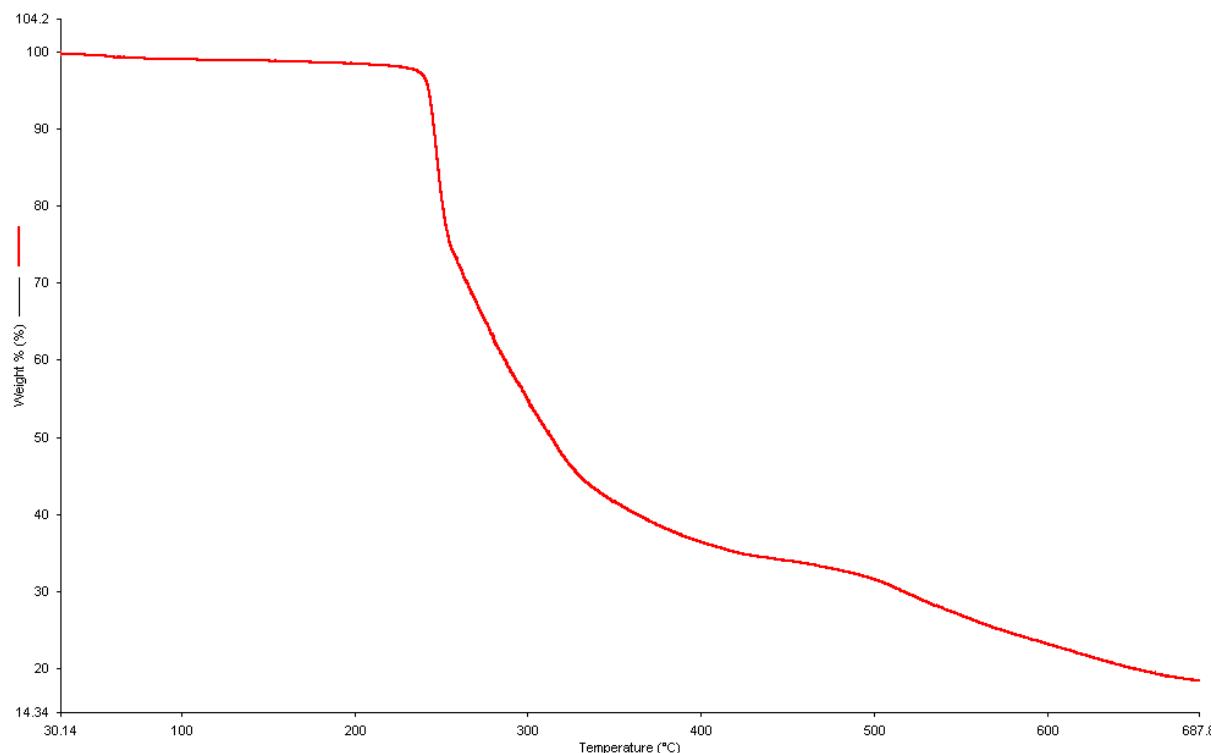
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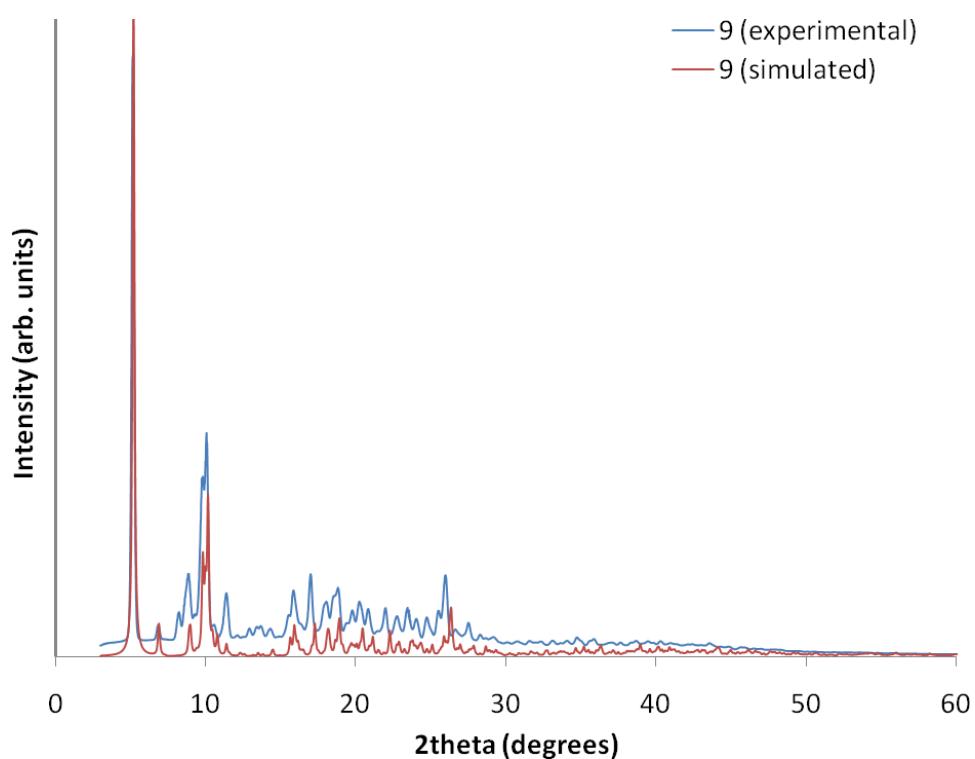
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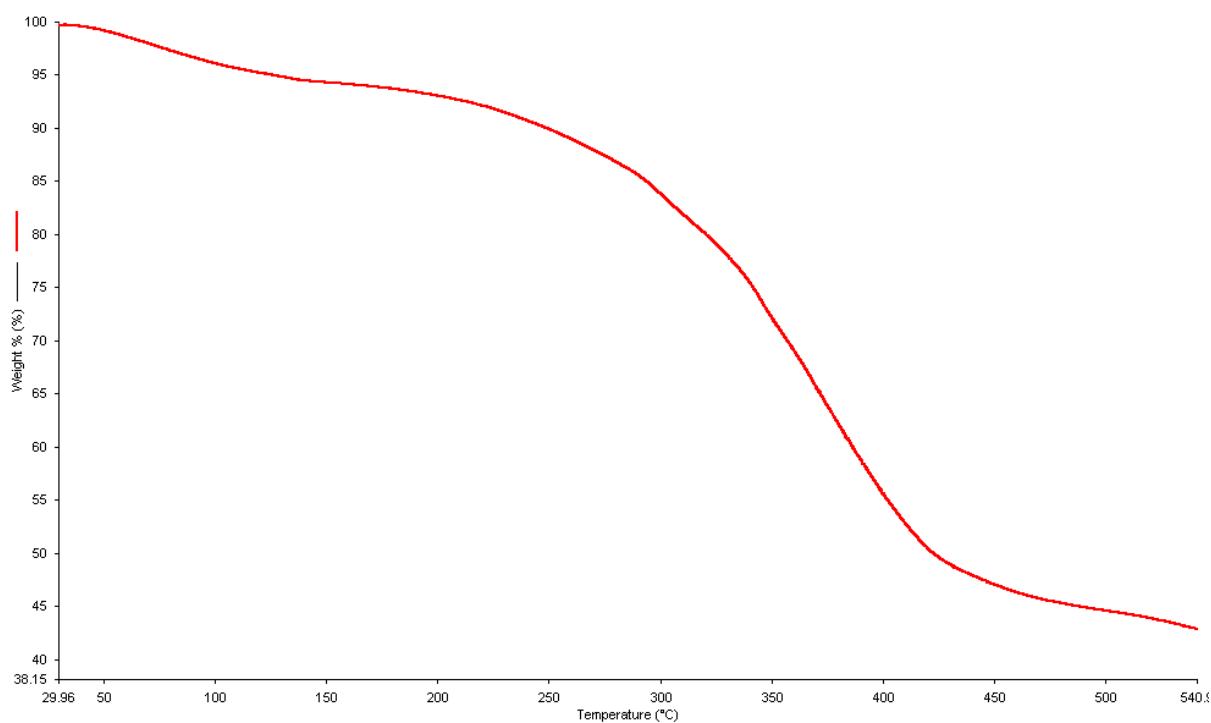
**Figure S1.** Comparison of the experimental PXRD data for a sample of as-synthesized **6** and the pattern simulated from the single-crystal X-ray data for **6**.



**Figure S2.** TGA trace for compound **6**.



**Figure S3.** Comparison of the experimental PXRD data for a sample of as-synthesized **9** and the pattern simulated from the single-crystal X-ray data for **9**.



**Figure S4.** TGA trace for compound **9**.