

A Self-assembled Tetrameric Water Cluster stabilized by the Hexachlororhenate(IV) Anion and diprotonated 2,2'-Biimidazole: X-ray Structure and Magnetic Properties

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Supporting information:

Table S1. Bond lengths [Å] and angles [°] for [ReCl₆]²⁻ anion in **1**.

Re(1)-Cl(1)	2.3536(5)		
Re(1)-Cl(2)	2.3711(5)		
Re(1)-Cl(3)	2.3520(5)		
Cl(1)-Re(1)-Cl(2)	90.72(2)	Cl(1)-Re(1)-Cl(3b)	89.51(2)
Cl(1)-Re(1)-Cl(2b)	89.28(2)	Cl(2)-Re(1)-Cl(3)	90.26(2)
Cl(1)-Re(1)-Cl(3)	90.49(2)	Cl(2)-Re(1)-Cl(3b)	89.74(2)

(b) -x+1, -y+1, -z+1

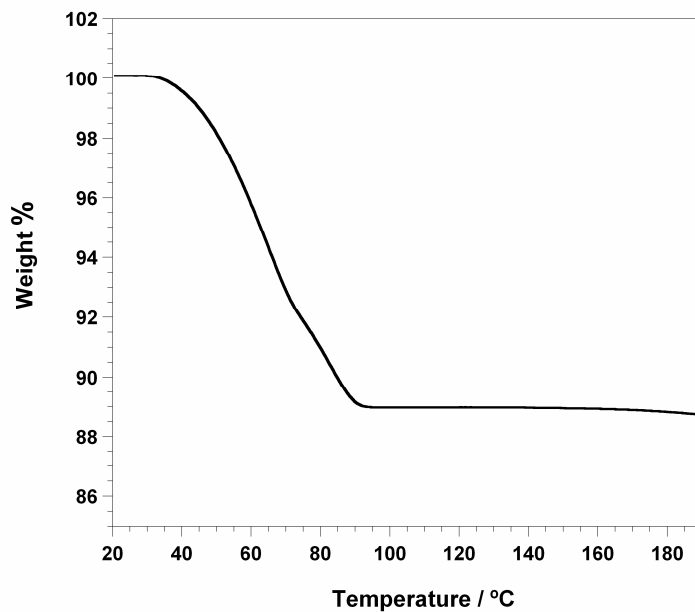


Fig. S1 TGA curve for **1**.

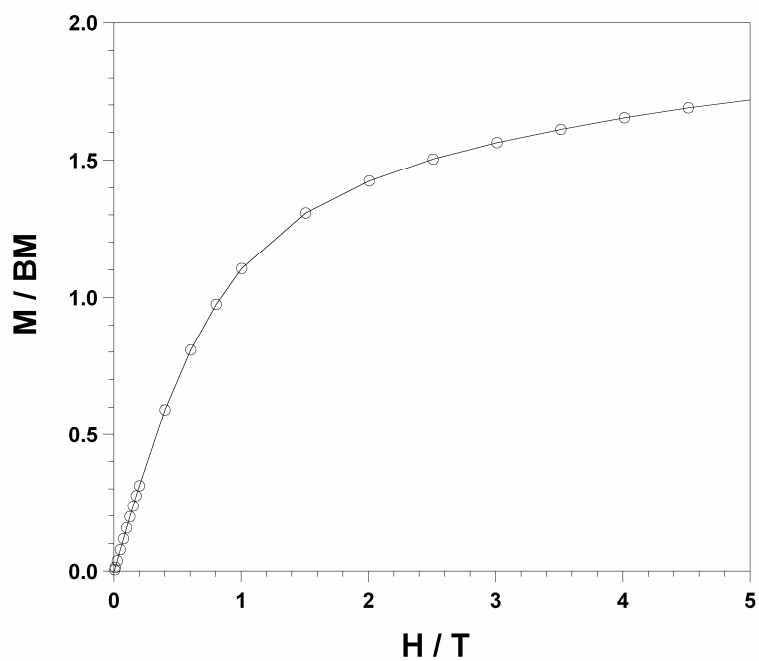


Fig. S2 Magnetization curve for **1** at 2 K. The open circles are the experimental data and the solid line is a visual guide.