

Liquid-assisted solid-state reaction: Assembly of (6,3) and (10,3) hydrogen-bonded networks based on $[M(\text{Hbiim})_3]$ by oxidation of $[M(\text{H}_2\text{biim})_3]^{2+}$ complexes in the presence of acetate anion

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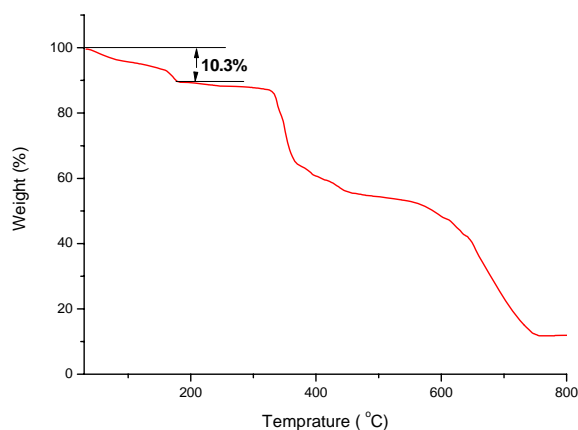


Fig. S1. TGA of complex 2.

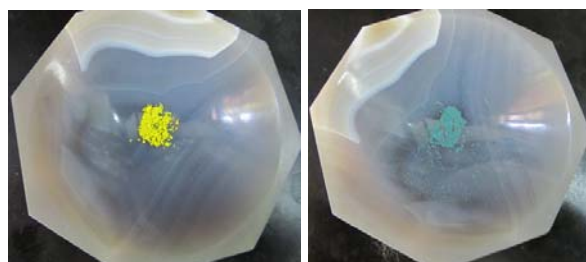


Fig. S2. The color changes of the reactant (left) and the product (right) in the solid-state reaction of complex **1**.

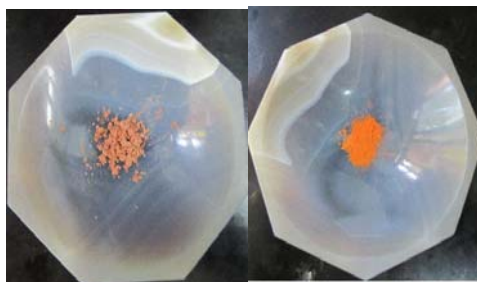


Fig. S3. The color changes of the reactant (left) and the product (right) in the solid-state reaction of complex **2**.

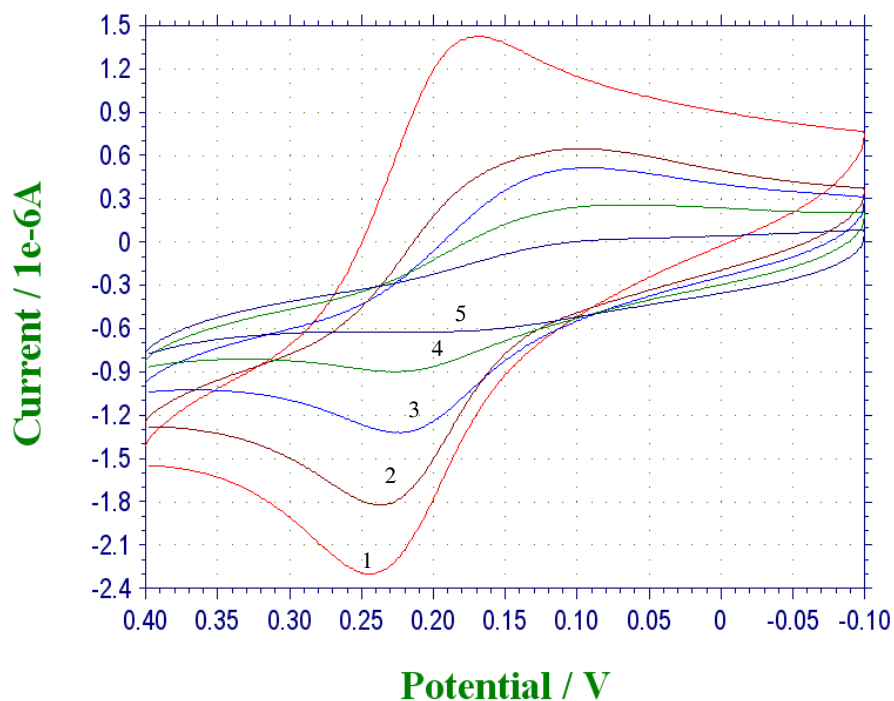


Fig. S4. The CV curves of $[\text{Ru}(\text{H}_2\text{biim})_3](\text{PF}_6)_2$ in acetonitrile (5×10^{-3} M, vs Ag/AgNO₃) upon addition of Bu₄NOAc: (1) 0 equiv, (2) 0.5 equiv, (3) 1 equiv, (4) 1.5 equiv, and (5) 2 equiv.