

Supporting Materials

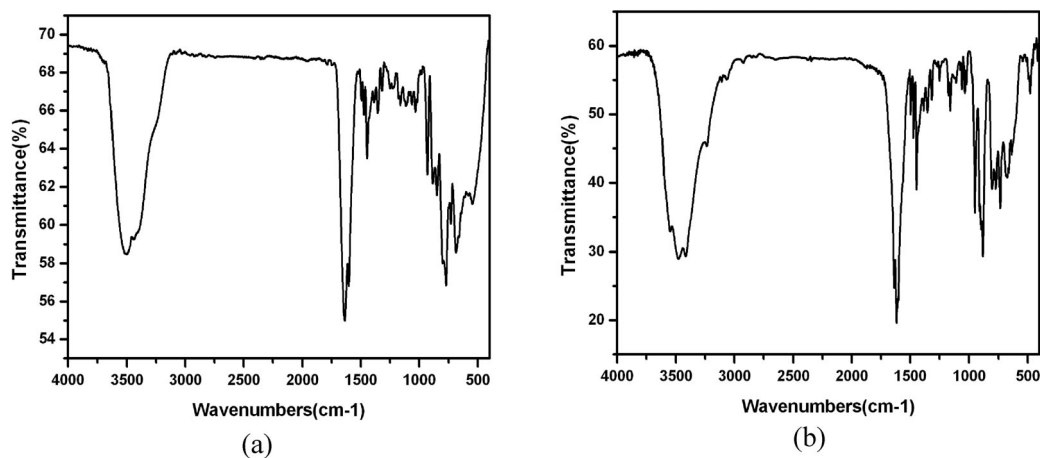


Figure S1. IR spectra for **1** (a) and **2** (b).

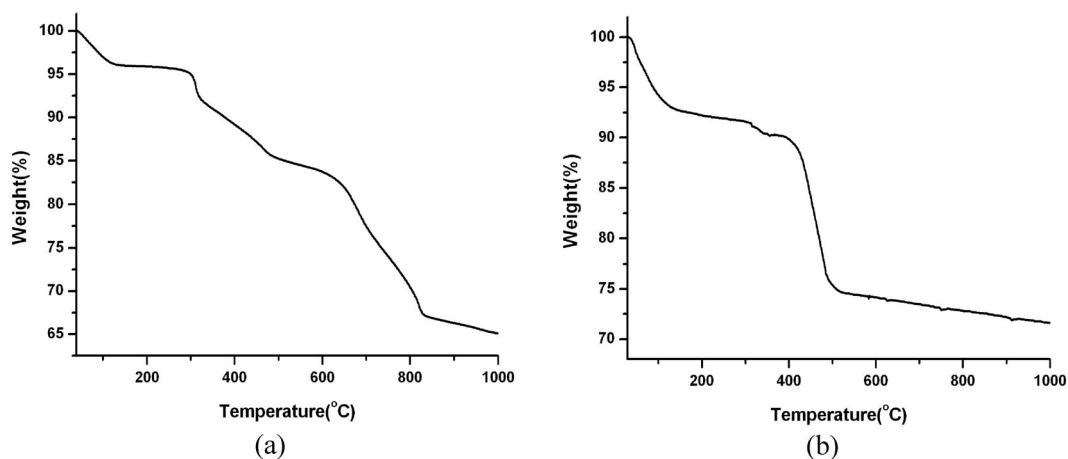


Figure S2. TG curves for **1** (a) and **2** (b) in N₂ atmosphere with a heating rate of 10°C/min. **1** exhibits total weight loss of 32.47% in the range of 40-825K, which is consistent with loss of ten water and six 2,2'-bpy per molecule (expected value 32.16%). **2** exhibits total weight loss of 25.12% in the range of 30-510K, which is consistent with loss of nine water molecules and ten 2,2'-bpy per molecule (expected value 24.98%).

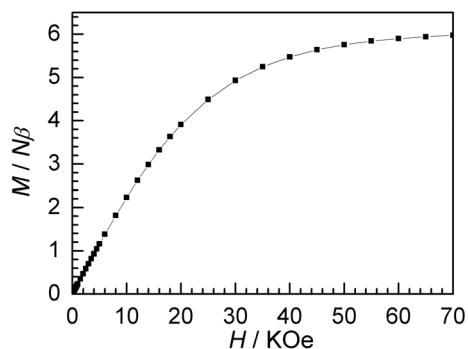


Figure S3. Isothermal magnetization of **2** at 2 K; line is a guide to the eye.