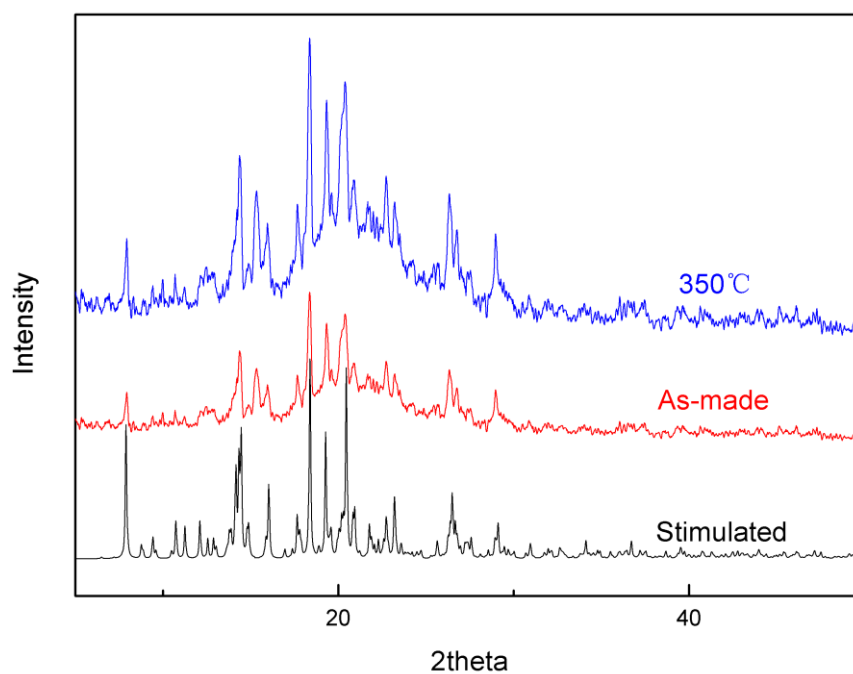


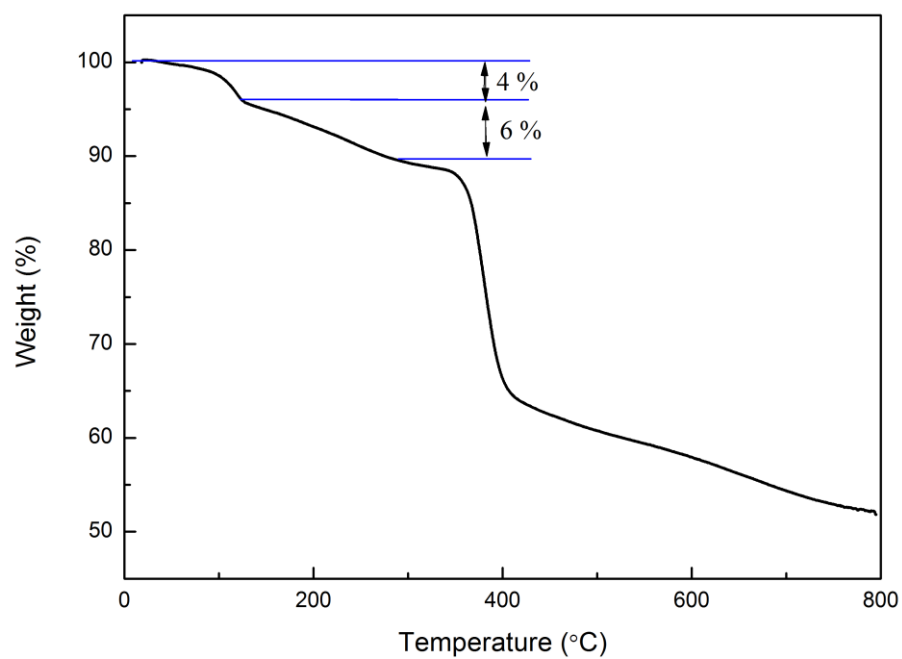
# Synthesis, Structures and Fluorescence Properties of One Novel Cobalt MOFs Based on a Tetraphenylethene(TPE)-core Ligand

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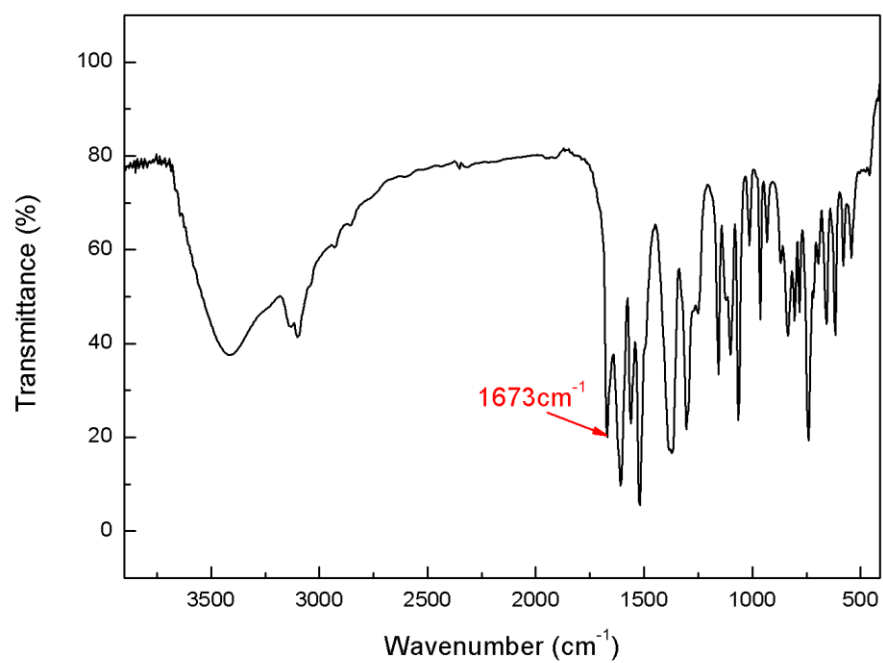
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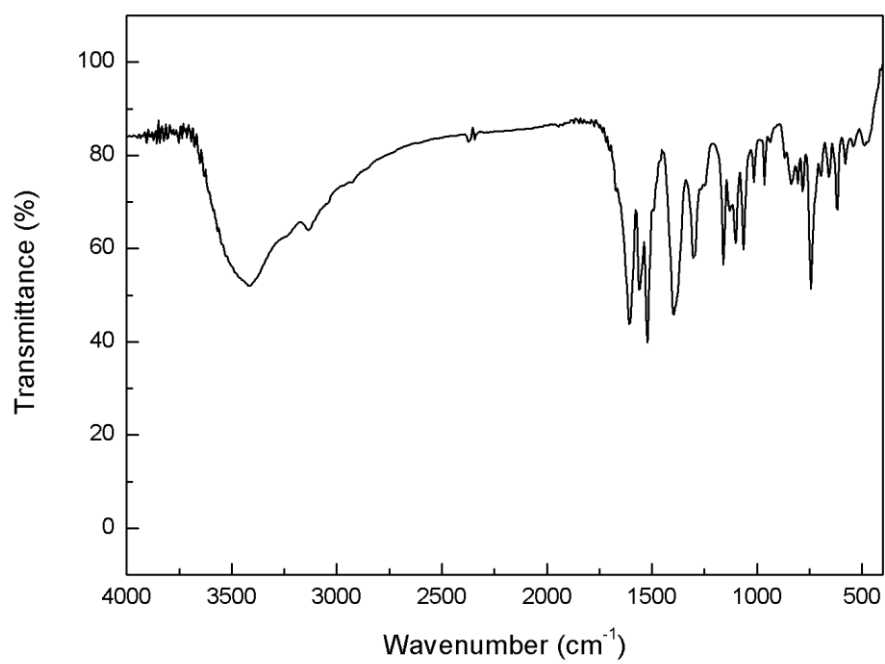
**Figure S1** PXRD curve of compound **1**



**Figure S2** TG curve of compound **1**



(a)



(b)

**Figure S3 (a)** Infrared spectra of compound **1**, **(b)** Infrared spectra of compound **1** after heated.