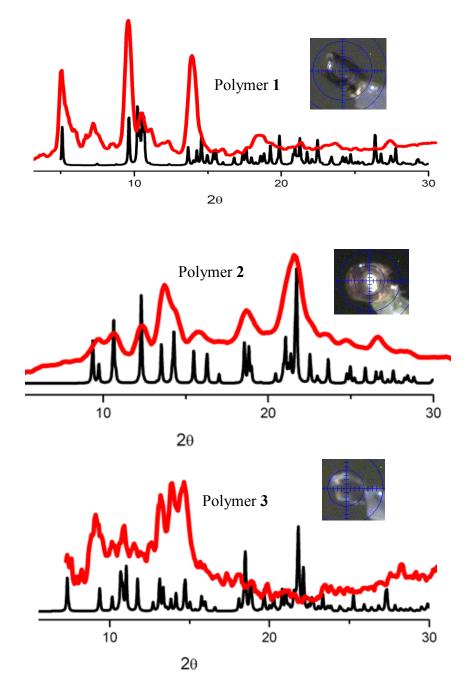
## **Supporting Information**

## Three new acylamide ligands formed *in situ* and their application in constructing metal-organic frameworks

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**Figure S1.** The experimental XRD patterns/red and the simulated XRD patterns/black from the single crystal data of 1-3. The inset is the shape of the single crystal of 1-3.