

**Stepwise construction of grid-type Cu(II)/Cd(II) heterometallic MOFs based on an imidazole-appended dipyrromethane ligand**

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**Electronic Supplementary Information**

PXRD diagrams were collected on a Bruker D8 diffractometer using monochromatic Cu-K $\alpha$  radiation with a scanning range between 4 and 40° using a scan step of 2°/mn.

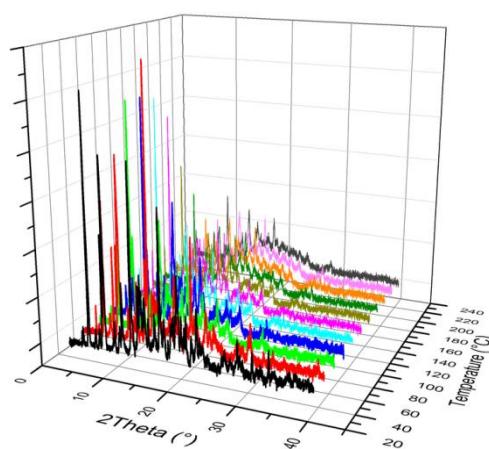


Fig 1. Temperature dependent X-Ray diffraction powder patterns for MOF **3** collected every 20°C between 30 and 230°C.