ESI to accompany

Do perfluorarene..arene and C–H...F interactions make a difference to 4,2':6',4"-terpyridine-based coordination polymers?

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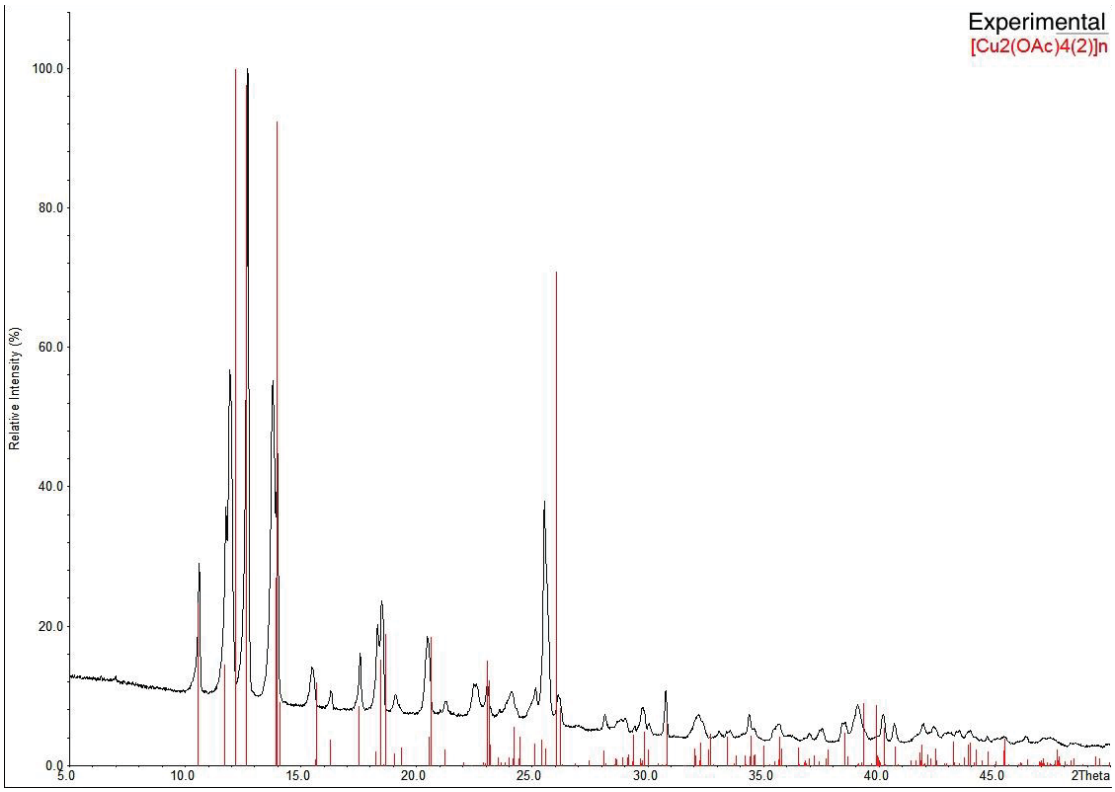

Fig. S1. Experimental powder diffraction pattern for the bulk sample of $[Cu_2(\mu\text{-}OAc)_4(\mathbf{2})]_n$, compared to the calculated powder pattern from single crystal data of $[Cu_2(\mu\text{-}OAc)_4(\mathbf{2})]_n$.

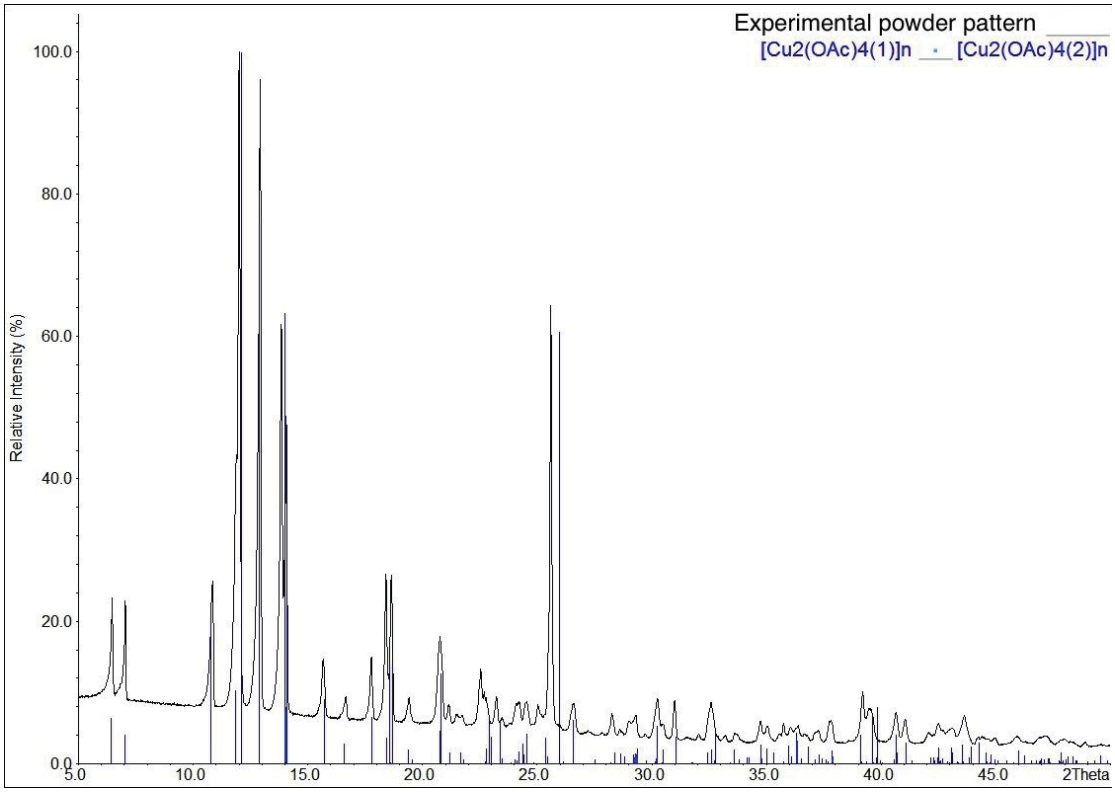

Fig. S2. Experimental powder diffraction pattern for the bulk sample of $[Cu_2(\mu\text{-}OAc)_4(\mathbf{1})]_n{\cdot}[Cu_2(\mu\text{-}OAc)_4(\mathbf{2})]_n$, compared to the calculated powder pattern from single crystal data of $[Cu_2(\mu\text{-}OAc)_4(\mathbf{1})]_n{\cdot}[Cu_2(\mu\text{-}OAc)_4(\mathbf{2})]_n$.

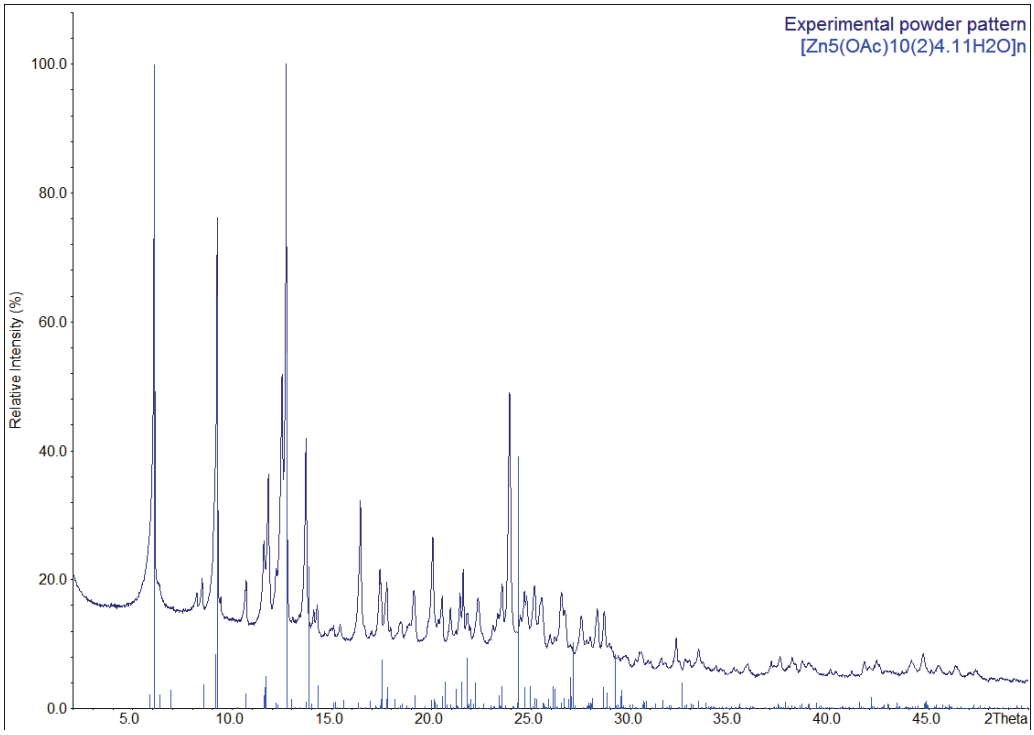

Fig. S3(a)

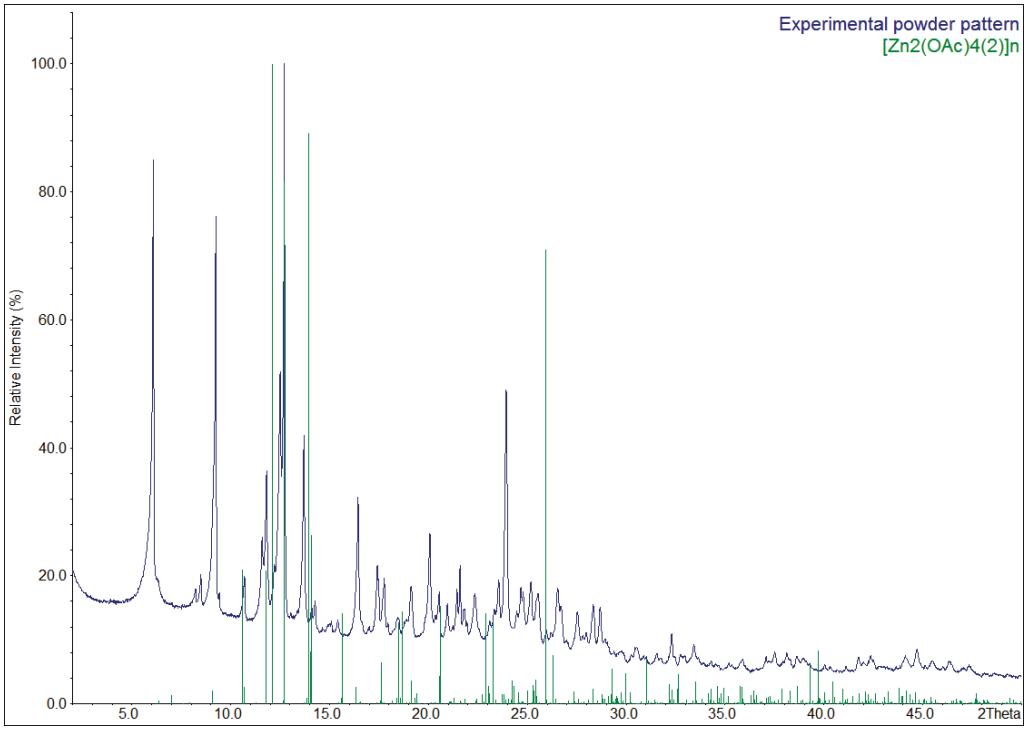

Fig. S3(b)

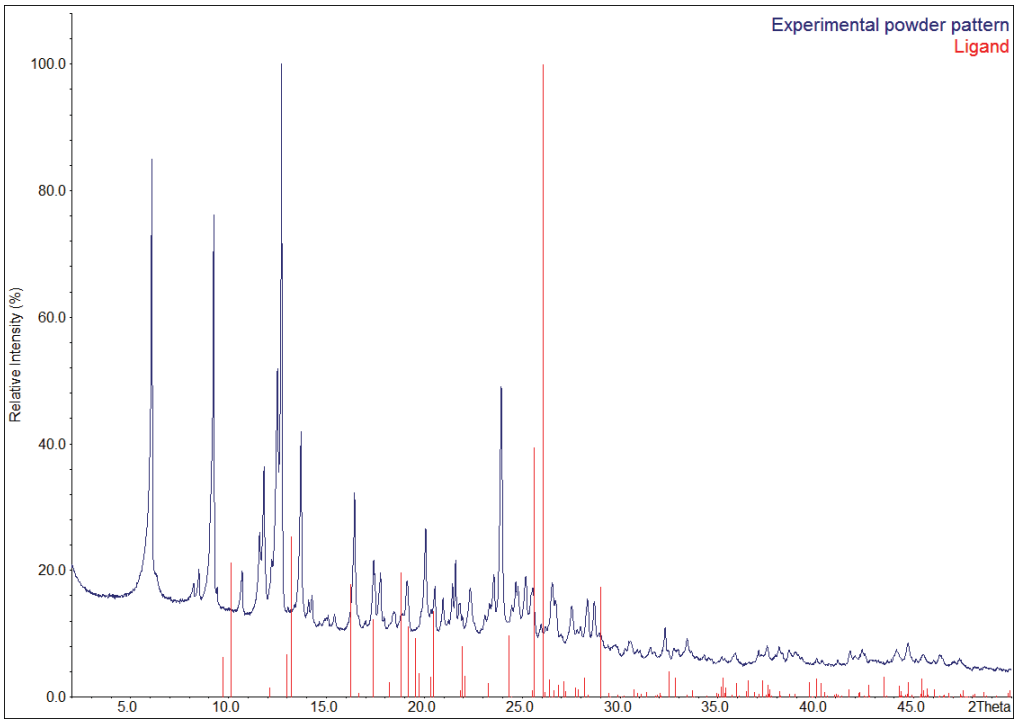

Fig. S3(c)

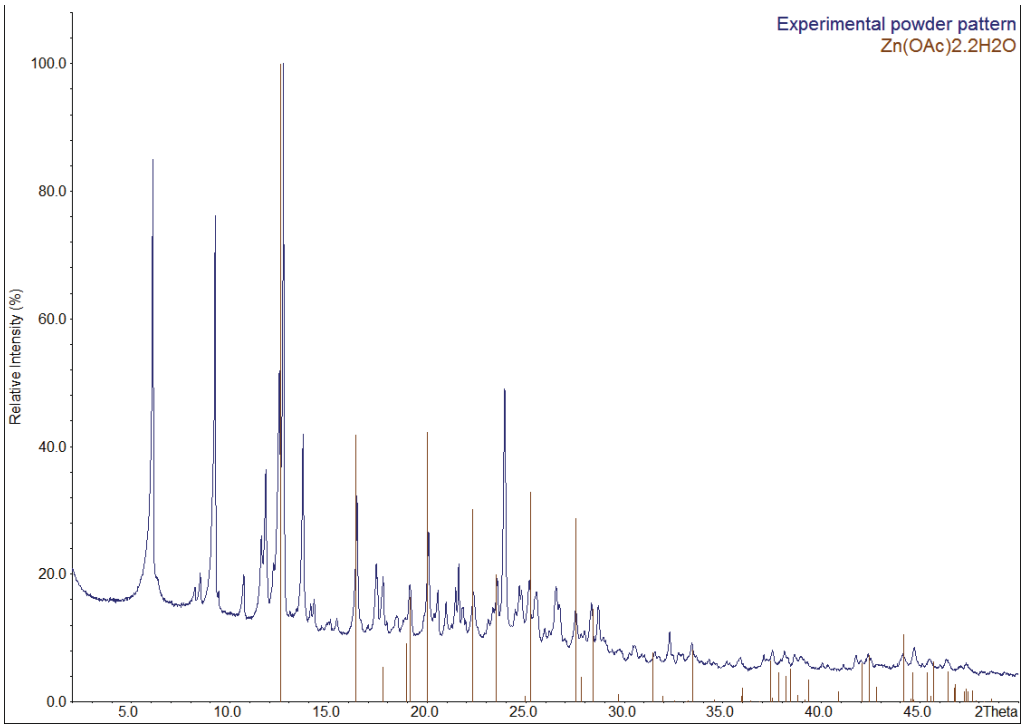

Fig. S3(d)

Fig. S3. Experimental powder diffraction pattern for the bulk sample of the reaction of $Zn(OAc)_2{\cdot}2H_2O$ and **2**, compared to the calculated powder pattern from single crystal data of (a) $[Zn_5(OAc)_{10}(\mathbf{2})_4{\cdot}11H_2O]_n$, (b) $[Zn_2(\mu\text{-}OAc)_4(\mathbf{2})]_n$, (c) ligand **2**, and (d) $Zn(OAc)_2{\cdot}2H_2O$.