

## Electronic Supplementary Information (ESI)

### **Structural diversity and photoluminescent properties of zinc coordination polymers constructed from 1,4-bis[2-(4-pyridyl)ethenyl]-2,3,5,6-tetramethylbenzene and para-dicarboxylates**

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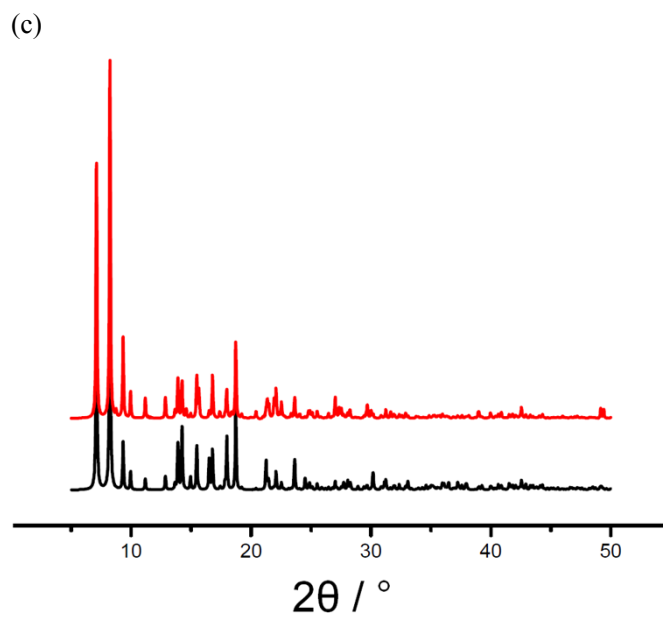
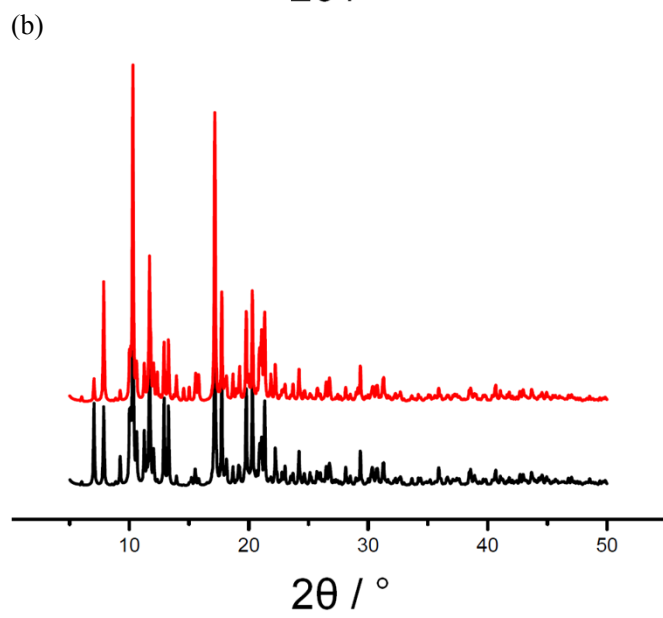
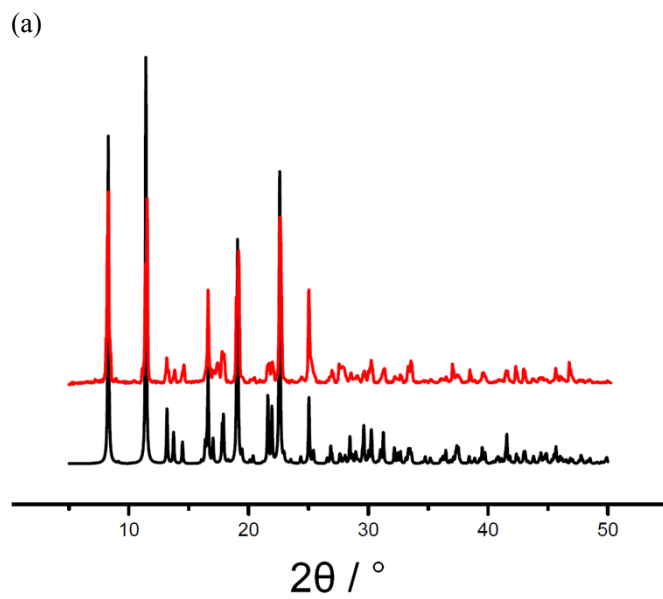
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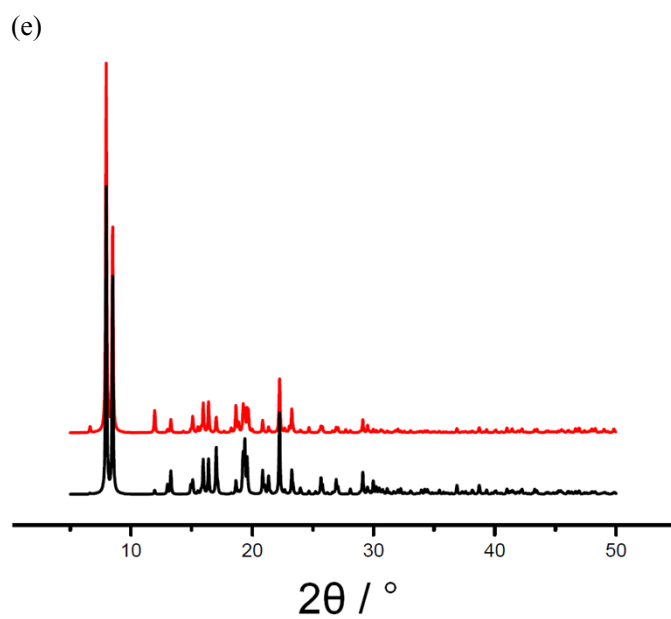
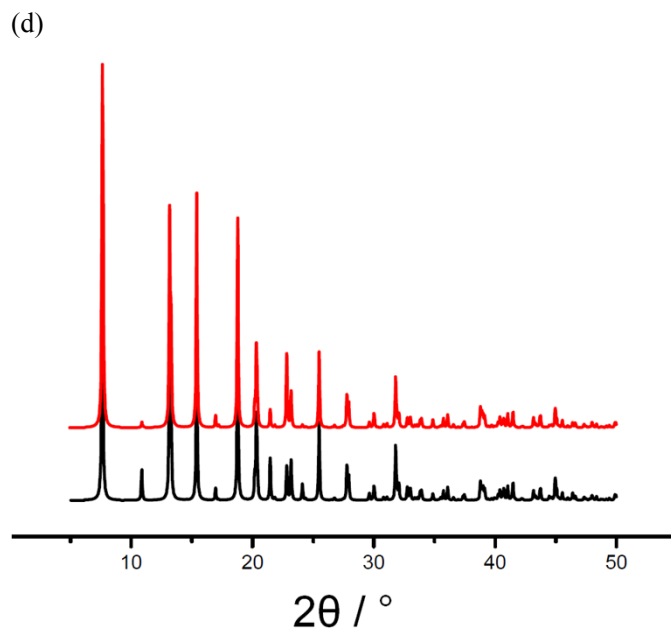
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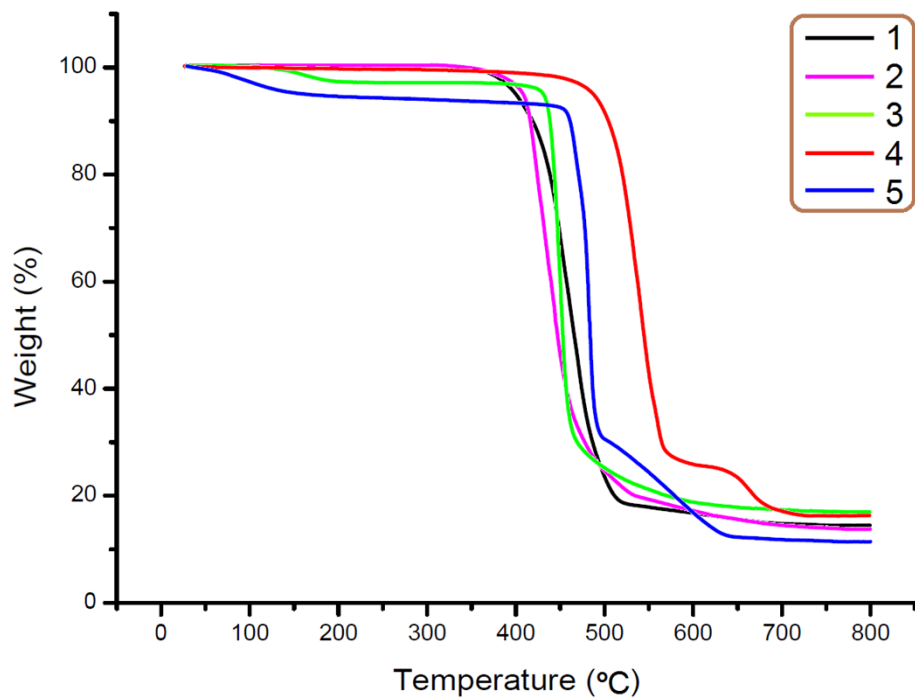
**Fig. S1** Experimental and simulated PXRD patterns for **1** (a); **2** (b); **3** (c); **4** (d) and **5**(e). .....S3

**Fig. S2** The TGA curves for **1-5**. .....S5





**Fig. S1** PXRD patterns for **1** (a, experimental: red; simulated: black); **2** (b, experimental: red; simulated: black); **3** (c, experimental: red; simulated: black); **4** (d, experimental: red; simulated: black) and **5** (e, experimental: red; simulated: black).



**Fig. S2** The TG curves for 1-5.