Electronic Supplementary Information
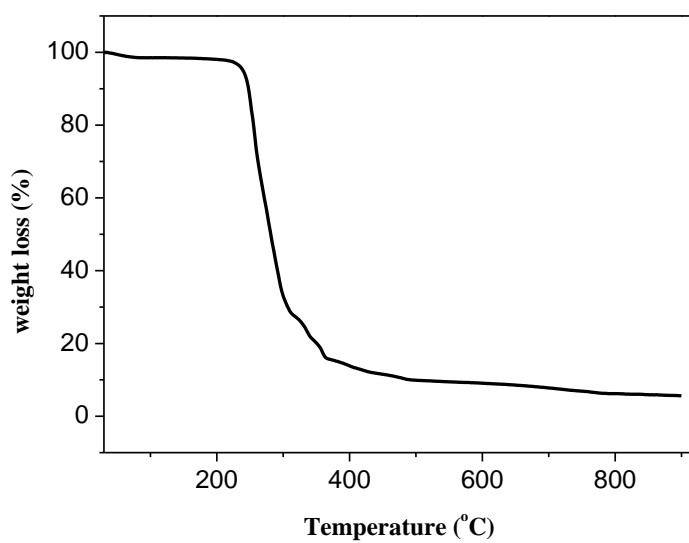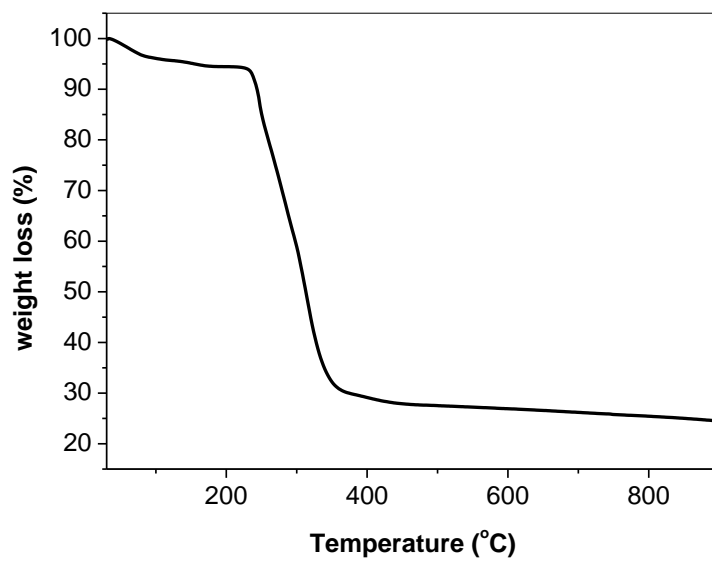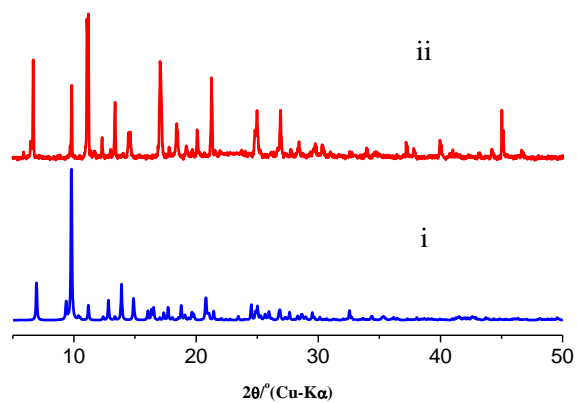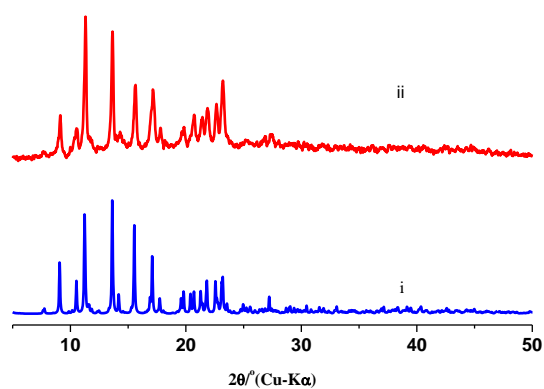
(a)

(b)

Fig S1 Thermogravimetric curves of **1**(a) and **2** (b).

(a)

(b)

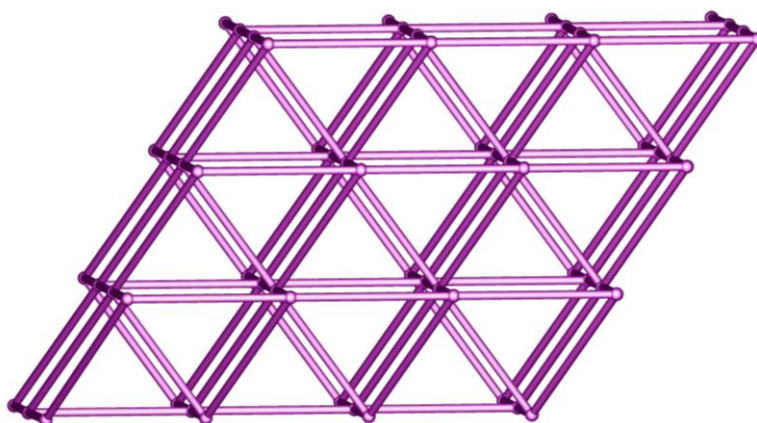**Fig. S2.** Simulated (i) and experimental (ii) X-ray powder diffraction patterns of **1**(a) and **2** (b).

Fig. S3. Schematic view of the net topology of **1** If the dimeric [Cu(COO)]$_2$ units can be considered as the nodes.