

Electronic Supplementary Material for CrystEngComm
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Metal–organic frameworks based on the pyridine-2,3-dicarboxylate and a flexible bispyridyl ligand: syntheses, structures, and photoluminescence

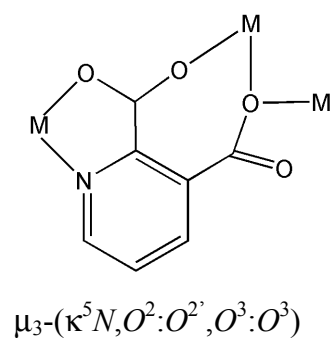
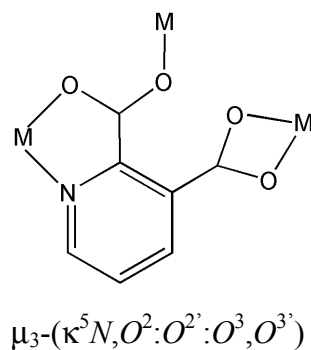
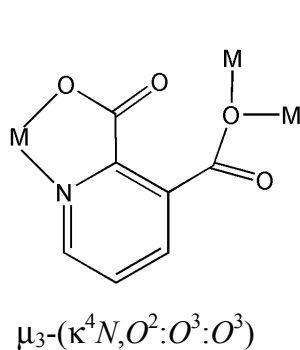
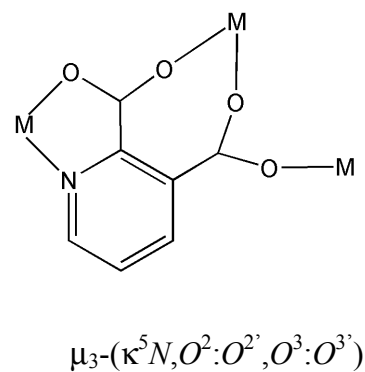
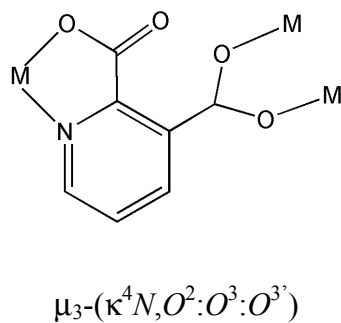
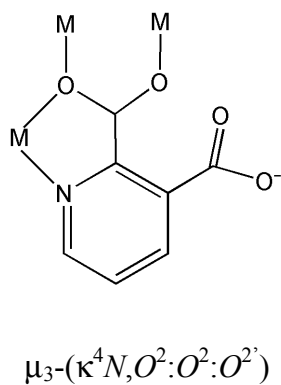
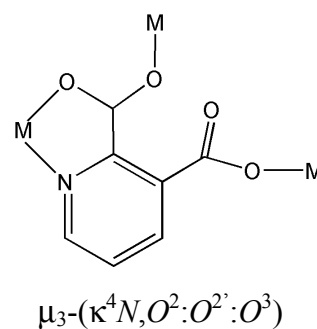
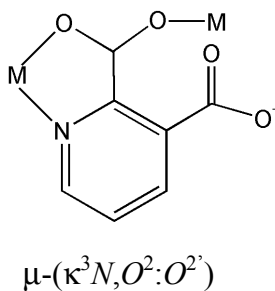
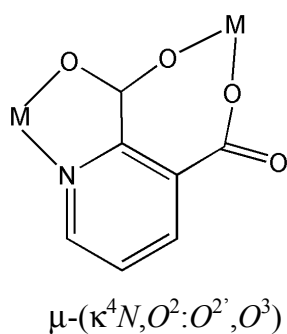
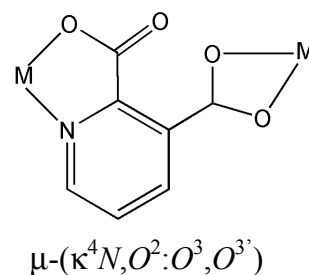
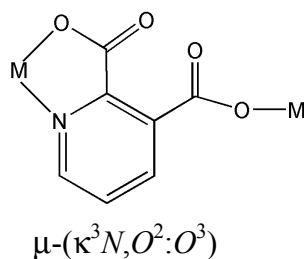
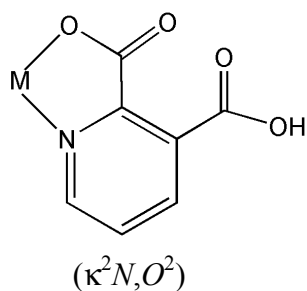
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Electronic Supplementary Information

Fig. S1 Various coordination modes of 2,3-pydc ligand, summarized from the Cambridge Structural Database.



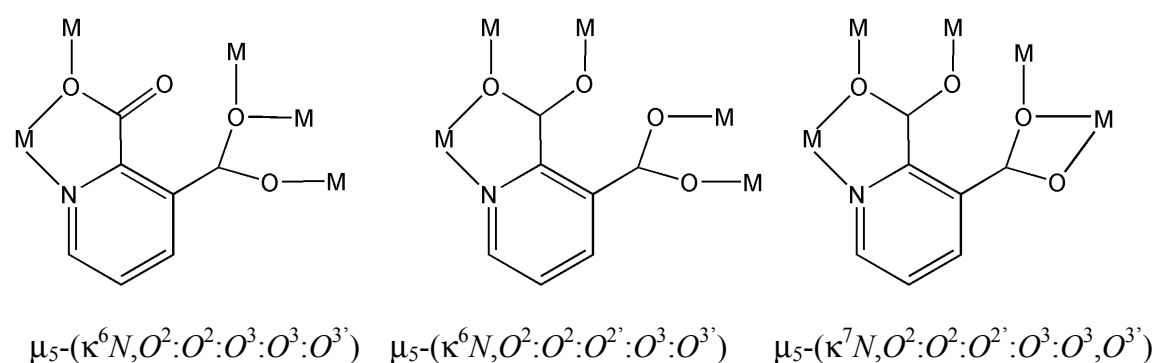
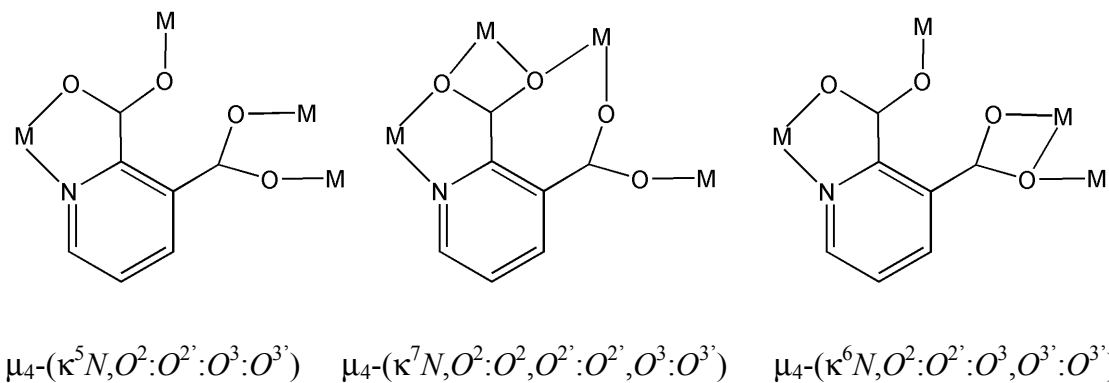


Fig. S2 View of the coordination environment of Zn(II) atom in **2**, also showing that a Zn atom is connected to four neighbouring ones through the 2,3-pydc and bpp ligands. Symmetry codes: a $x, 1+y, z$; b $0.5+x, 0.5-y, 0.25-z$; c $x, y-1, z$; d $x-0.5, 0.5-y, 0.25-z$.

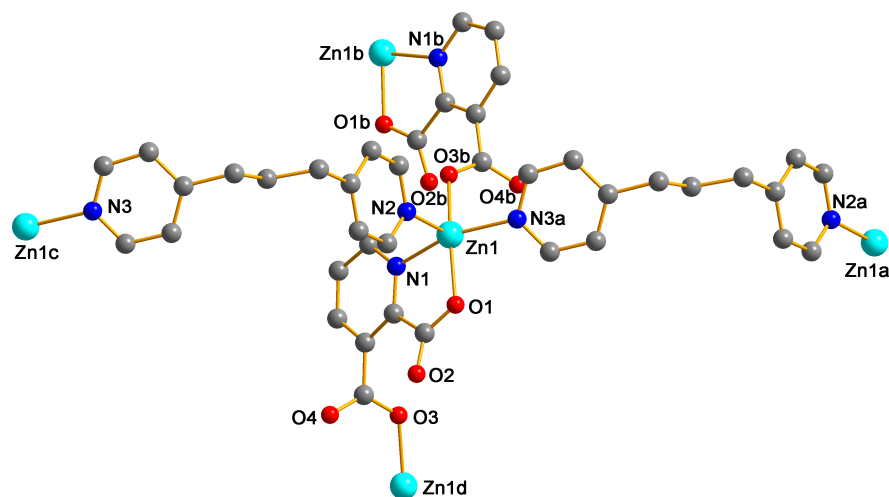
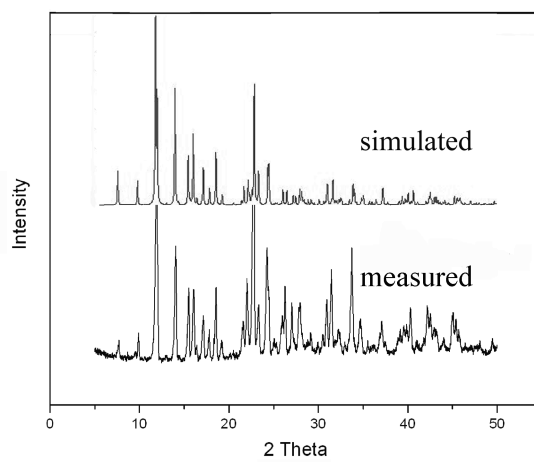
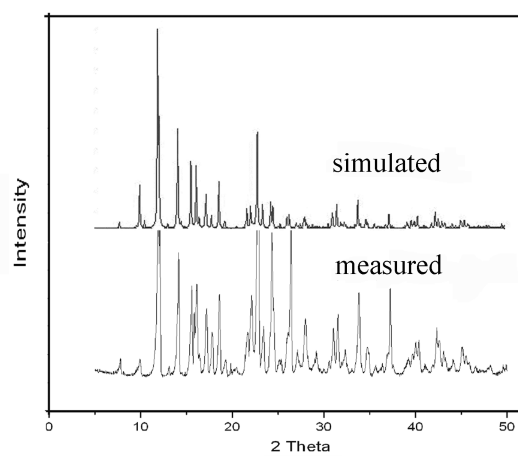


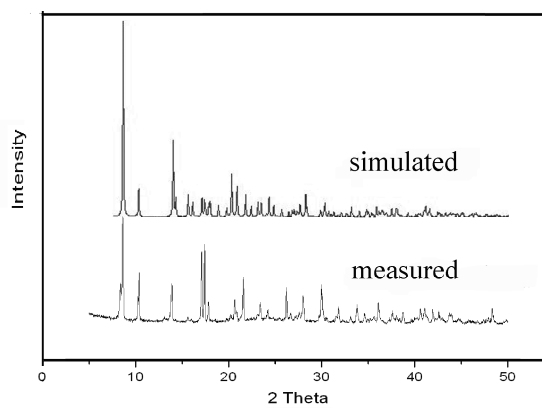
Fig. S3 The measured and simulated XRPD patterns for **1** (a), **2** (b) and **3** (c).



(a)



(b)



(c)

Fig. S4 Thermogravimetric analyses (TGA) for compounds **1**, **2** and **3**.

