Supplementary Information for:

Two zinc (II) supramolecular isomers of square grid networks formed by two flexible ligands: syntheses, structures and nonlinear optical properties

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(a)
Figure S1. Calculated and experimental powder diffraction patterns for 1 (a) and 2 (b).
Figure S2. ORTEP drawing of the basic building unit in 2, showing the coordination environment around the zinc atom with thermal ellipsoids at 30% probability. Hydrogen atoms and uncoordinated water molecules are omitted. Hydrogen atoms are omitted. Symmetry code: A = x, y-1, z; B = x-1/2, 1-y, z; C = x, 1+y, z; D = 1/2-x, y, 1/2+z.

Figure S3. TG curve of complexes 1 and 2.