Supporting Information

The interplay of coordinative and hydrogen-bonding in directing the $[M(4,4'-bpy)_2(H_2O)_2]$ square-grid networks: Formation of 3D porous framework $[Cd(4,4'-bpy)_2(H_2O)_2](ClO_4)_2(4,4'-bpy)(CH_3OH)_2$

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Fig. S2 The interplay of coordinative and hydrogen-bonding interactions in known examples containing square-grid $[M(4,4'-bpy)_2(H_2O)_2]$ networks and hydrogen-bonding 4,4'-bpy.





Fig. S3 Observed (black) and calculated (blue) powder X-ray diffraction patterns for complex 1.

