Supporting Information

The interplay of coordinative and hydrogen-bonding in directing the [M(4,4’-bpy)₂(H₂O)₂] square-grid networks: Formation of 3D porous framework [Cd(4,4’-bpy)₂(H₂O)₂](ClO₄)₂(4,4’-bpy)(CH₃OH)₂

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Fig. S1 Thermogravimetric curve of complex 1.
Fig. S2 The interplay of coordinative and hydrogen-bonding interactions in known examples containing square-grid [M(4,4’-bpy)$_2$(H$_2$O)$_2$] networks and hydrogen-bonding 4,4’-bpy.
Fig. S3 Observed (black) and calculated (blue) powder X-ray diffraction patterns for complex 1.