Supplementary Material (ESI) for Chemical Communications

Supporting Information

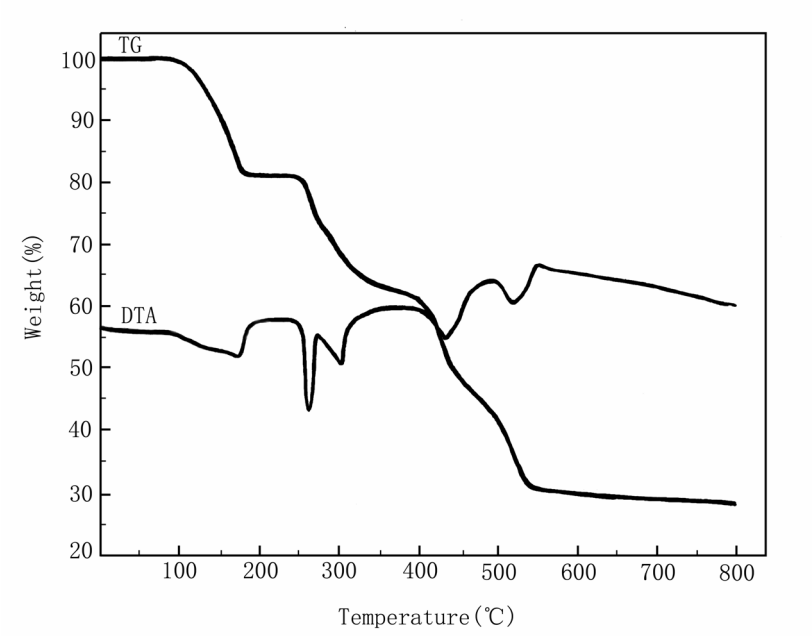

Fig. S1 TG-DTA curve of as-synthesized **1**. Heating rate: 10 deg sec^{-1}, N_2 atmosphere. The first step weight loss of 18.86% between 110 ºC and 170 ºC, corresponds to the removal of the DMF molecules (calcd. 18.66%). The framework is stable up to 270 ºC and starts to decompose at higher temperatures.

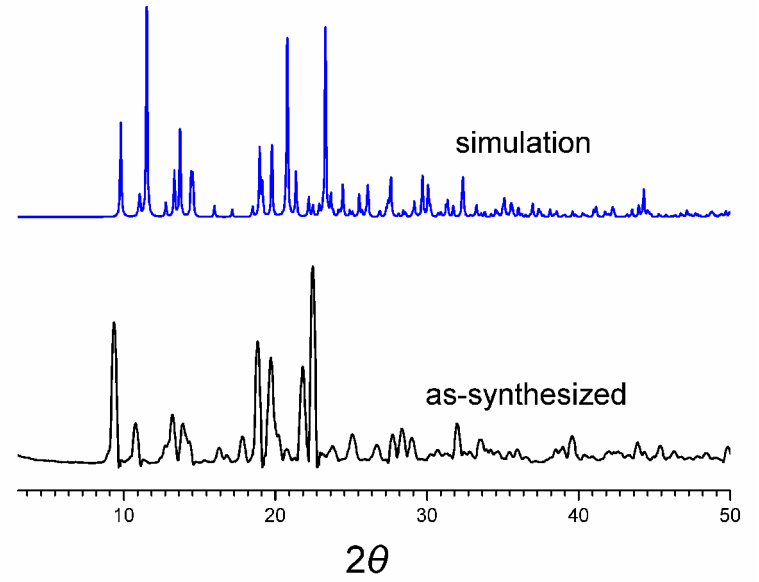

Fig. S2 XRPD patterns of a simulation based on the single-crystal data (blue) and as-synthesized samples (black).

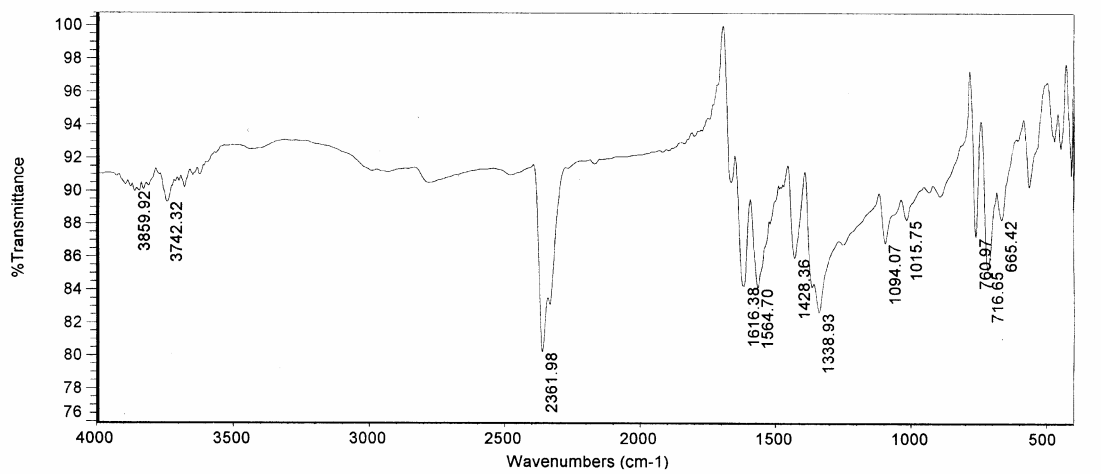

Fig. S3 FT-IR spectra of as-synthesized samples.

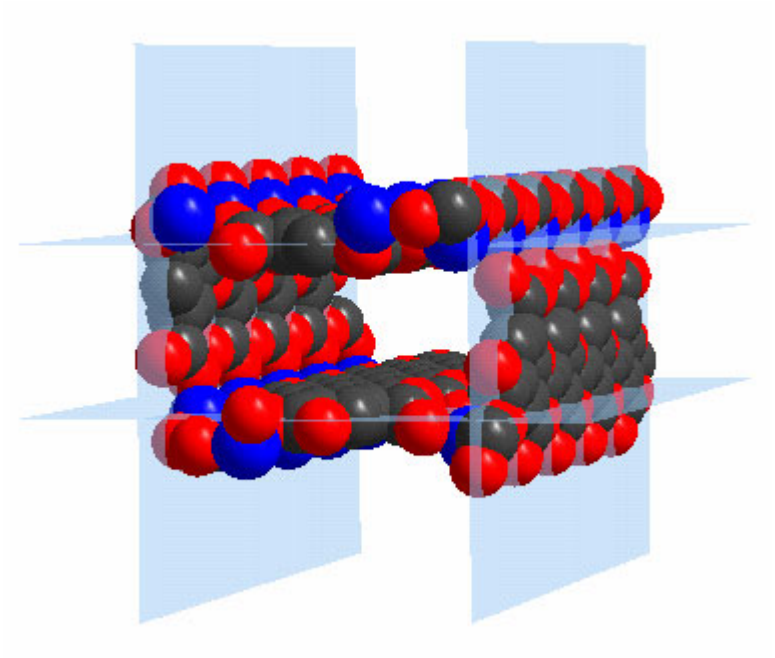

Fig. S4 Least-square planes through the walls of a single channel.

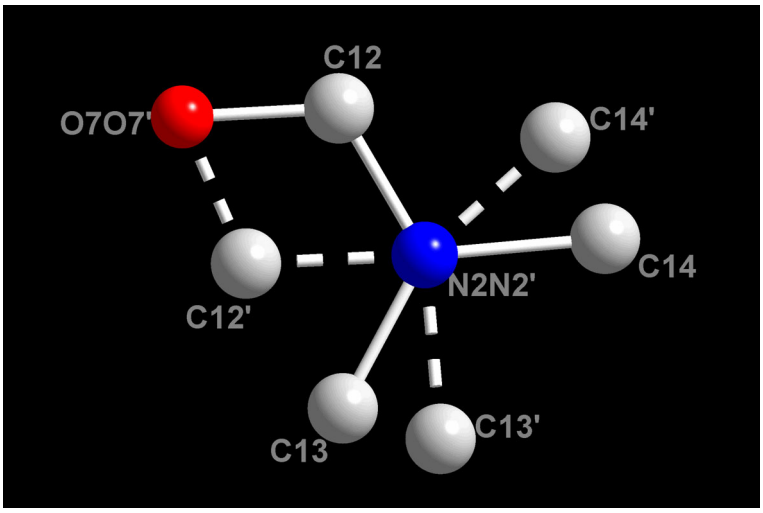

Fig. S5 Perspective view of the disordered DMF guest molecule. The occupancies of the molecule on two positions were refined and then fixed at 63.355%(solid bonds)–36.645%(dotted bonds).