Electronic Supplementary Material (ESI) for Dalton Transactions.

Supporting Information for

Size- and morphology-controlled MIL-96 (Al) fabricated by hydrolysis and coordination modulation of dual aluminium source and ligand

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Fig. S1

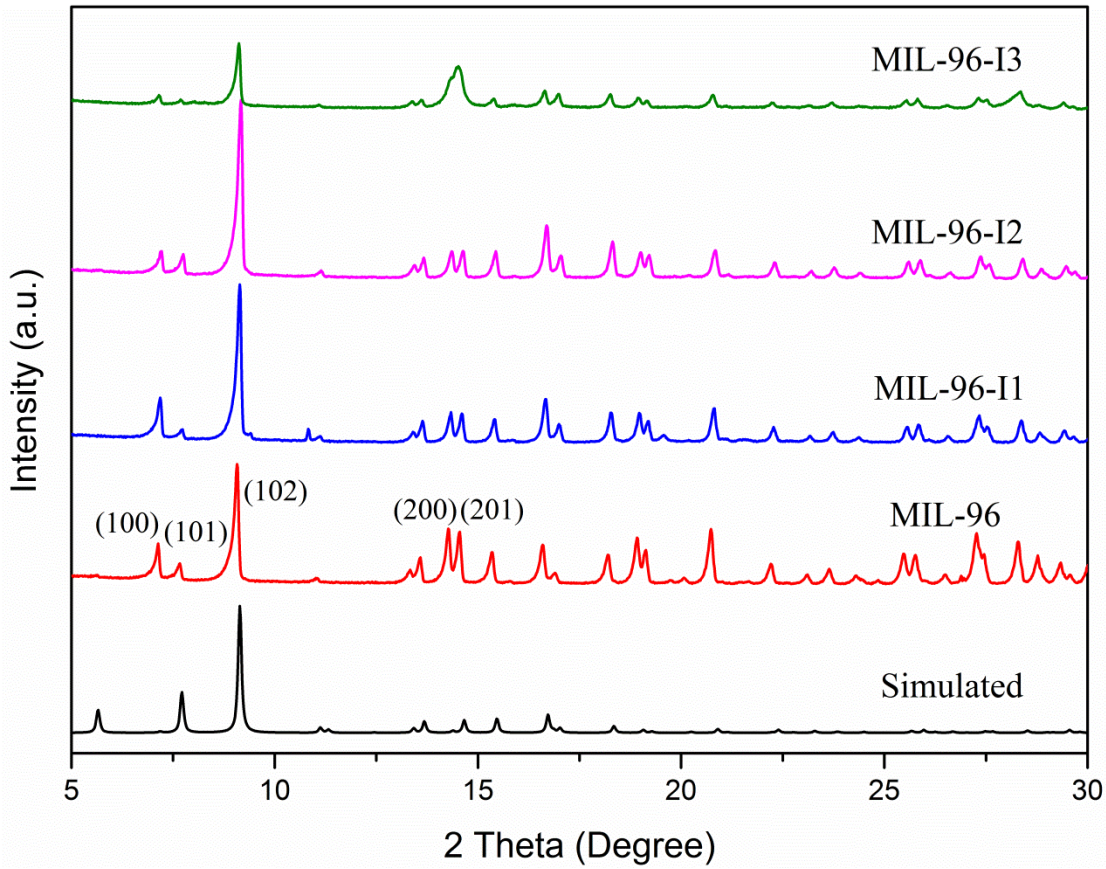

Fig. S1 XRD patterns of the simulated MIL-96 pattern and as-synthesized MIL-96 crystals with different weight ratios of isopropanol in conventional synthesis method of MIL-96 (0 %- 11.4 %).

Fig. S2

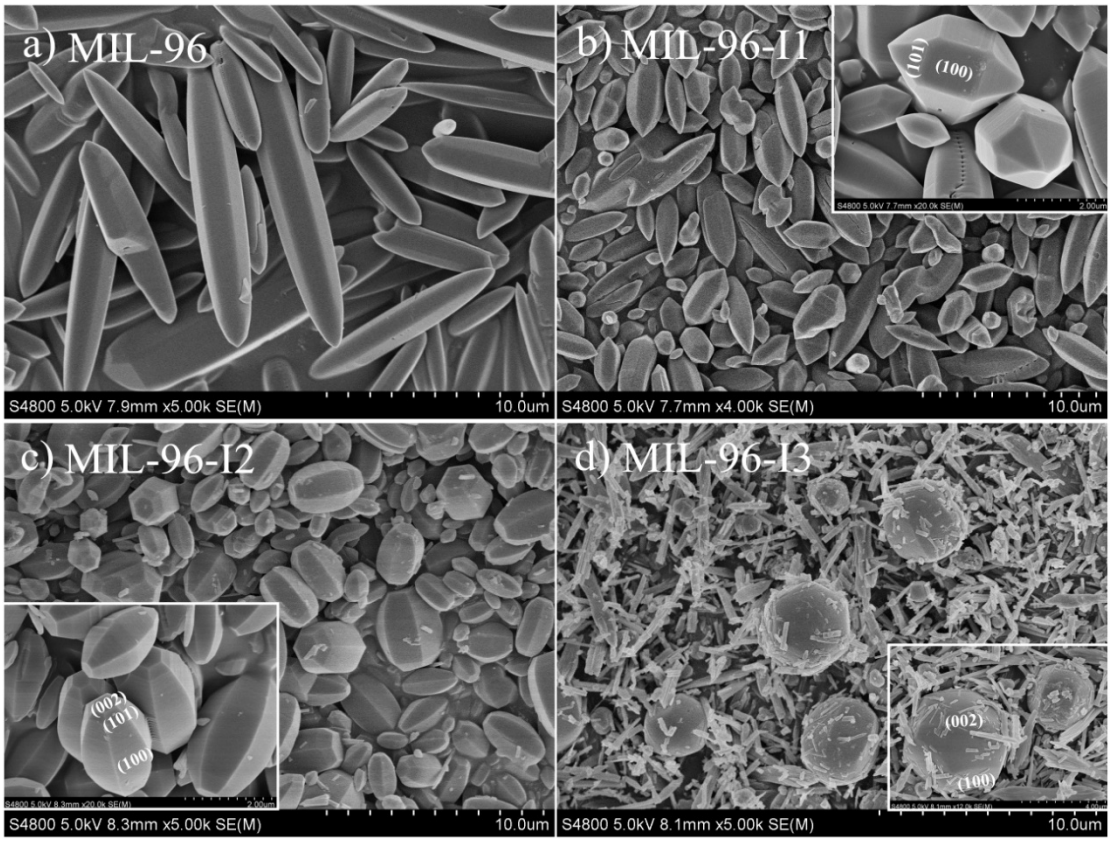

Fig. S2 SEM images of the MIL-96 crystals with the addition of different weight ratios of isopropanol a) 0 %, b) 2 %, c) 6.8 %, d) 11.4 %, inset is the corresponding magnified SEM images.

Fig. S3

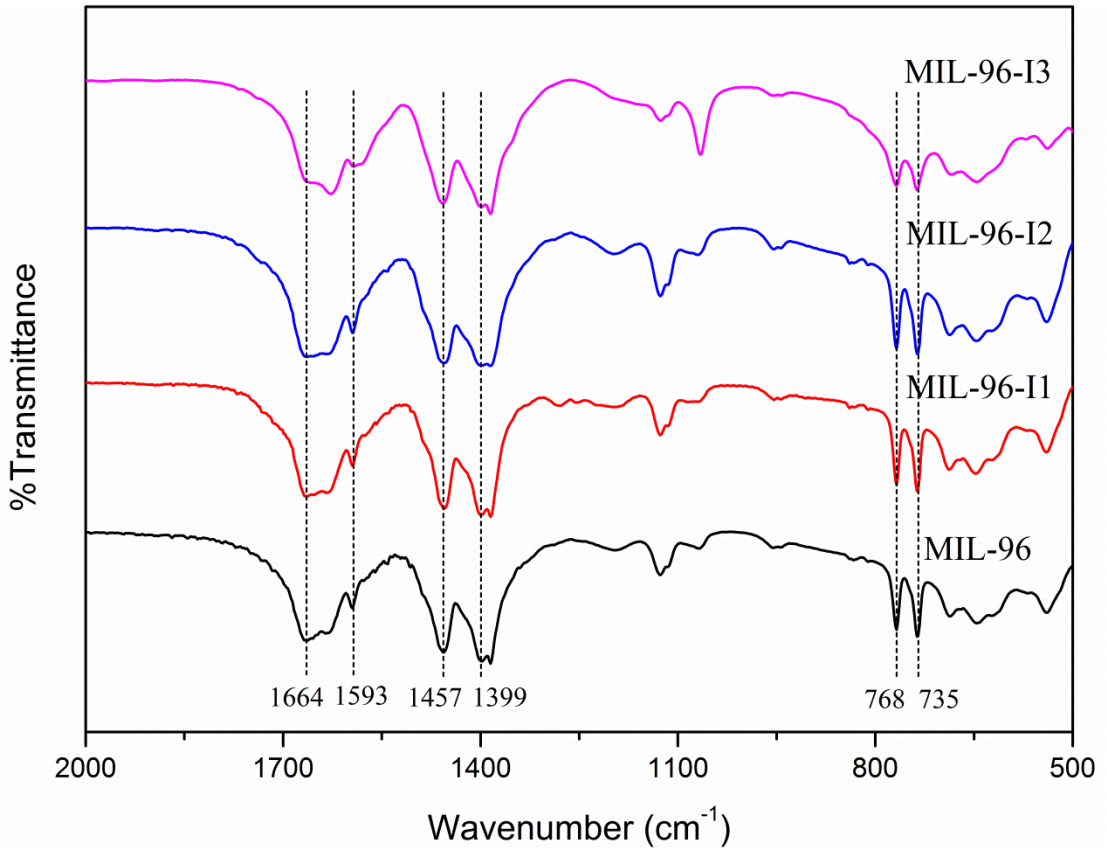

Fig. S3 IR spectra of the MIL-96 crystals with the addition of different weight ratios of isopropanol (0 %- 11.4 %).

Fig. S4

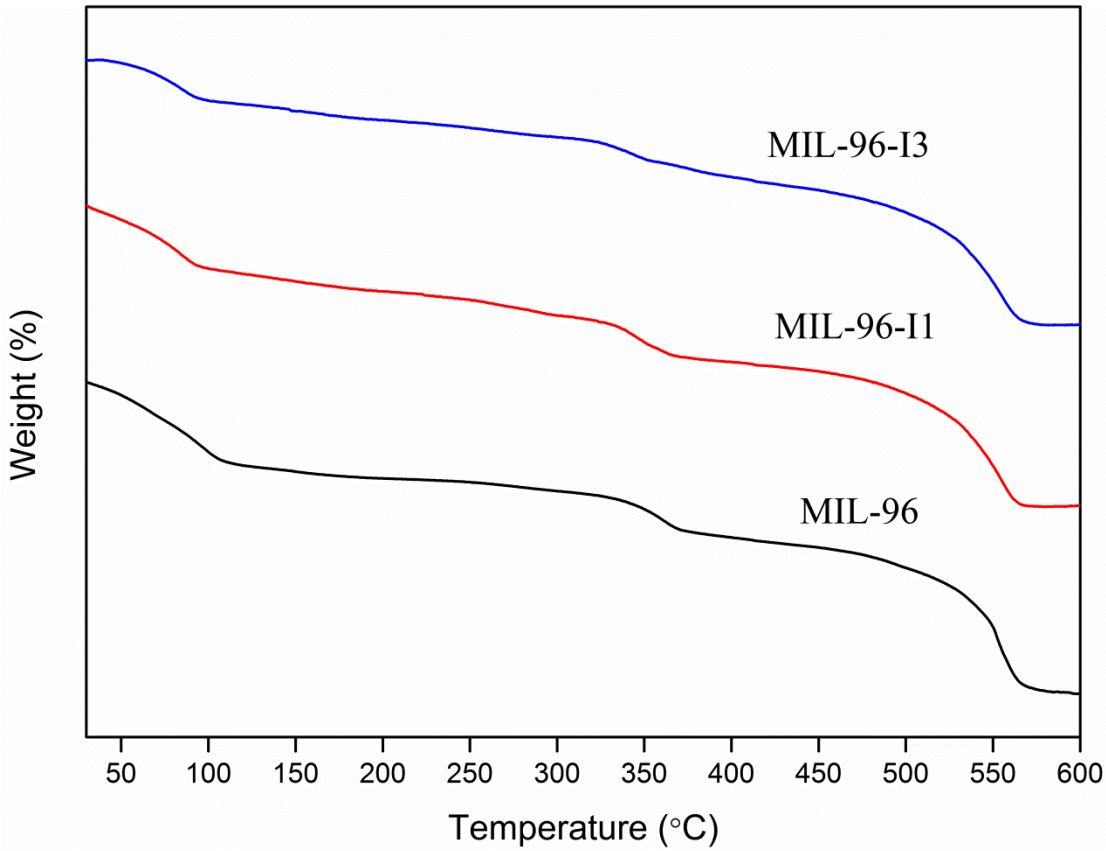

Fig. S4 TGA curves of the MIL-96 crystals with the addition of different weight ratios of isopropanol (0 %, 2 %, 11.4 %)