

Electronic supplementary information

Table S1 Selected bond lengths (Å) and angles (°) for **2**.

Zn1–O1	1.9957(13)	Zn2–O2	2.0047(12)
Zn1–O7	1.9965(12)	Zn2–O3 ⁱⁱ	2.0211(12)
Zn1–O8 ⁱ	2.0194(12)	Zn2–O6	2.0317(12)
Zn1–N1	2.1546(16)	Zn2–N3	2.1484(16)
Zn1–N2	2.1813(16)	Zn2–N4	2.1497(16)
O1–Zn1–O7	123.82(5)	O2–Zn2–O3 ⁱⁱ	139.29(5)
O1–Zn1–O8 ⁱ	95.89(5)	O2–Zn2–O6	124.28(5)
O7–Zn1–O8 ⁱ	140.22(5)	O3 ⁱⁱ –Zn2–O6	96.40(5)
O1–Zn1–N1	92.97(6)	O2–Zn2–N3	90.11(6)
O7–Zn1–N1	89.38(6)	O3 ⁱⁱ –Zn2–N3	88.65(6)
O8 ⁱ –Zn1–N1	90.88(5)	O6–Zn2–N3	89.24(6)
O1–Zn1–N2	92.73(6)	O2–Zn2–N4	90.29(6)
O7–Zn1–N2	87.61(6)	O3 ⁱⁱ –Zn2–N4	89.45(6)
O8 ⁱ –Zn1–N2	88.34(6)	O6–Zn2–N4	92.56(6)
N1–Zn1–N2	174.30(6)	N3–Zn2–N4	177.51(6)
Symmetry codes: ⁱ x–1, y, z; ⁱⁱ x+1, y, z.			

Table S2 Selected bond lengths (Å) and angles (°) for **3**.

Zn1–O1	1.9505(12)	Zn1–N1	2.0676(17)
Zn1–O4 ⁱ	1.9530(12)	Zn1–N2	2.0409(18)
O1–Zn1–O4 ⁱ	111.08(5)	O4 ⁱ –Zn1–N2	115.15(6)
O1–Zn1–N1	97.42(6)	O4 ⁱ –Zn1–N1	113.59(6)
O1–Zn1–N2	111.96(6)	N2–Zn1–N1	106.21(7)
Symmetry code: ⁱ x–1/2, –y+3/2, z–1/2.			

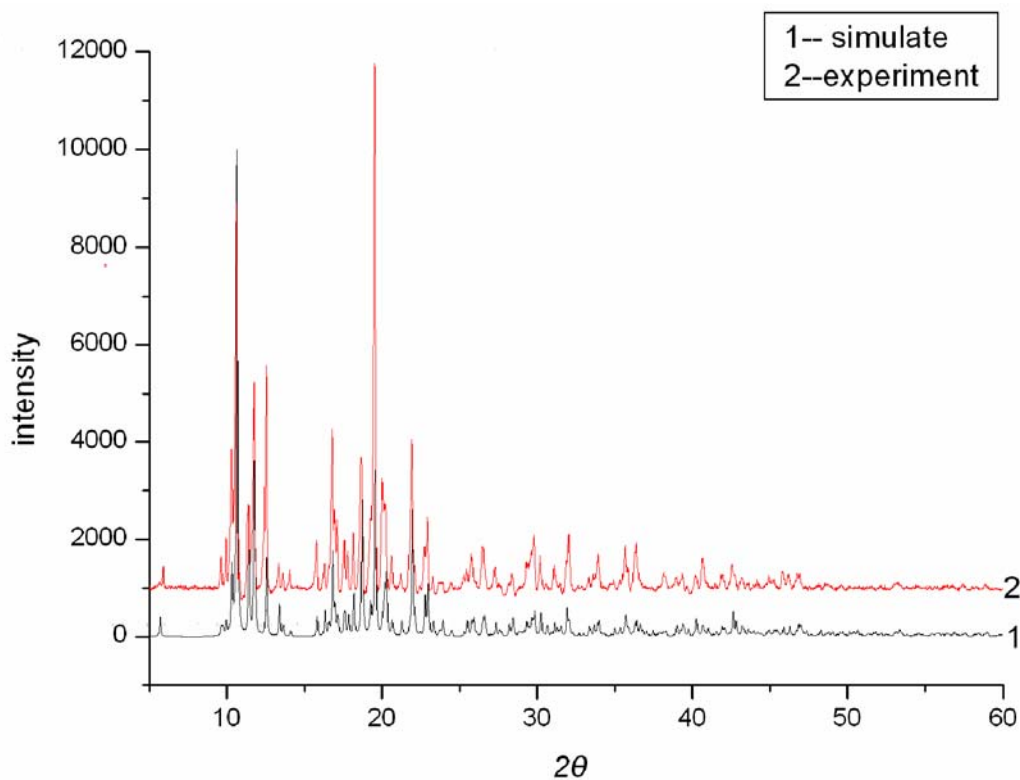


Fig. S1 X-ray powder diffraction patterns of **1**

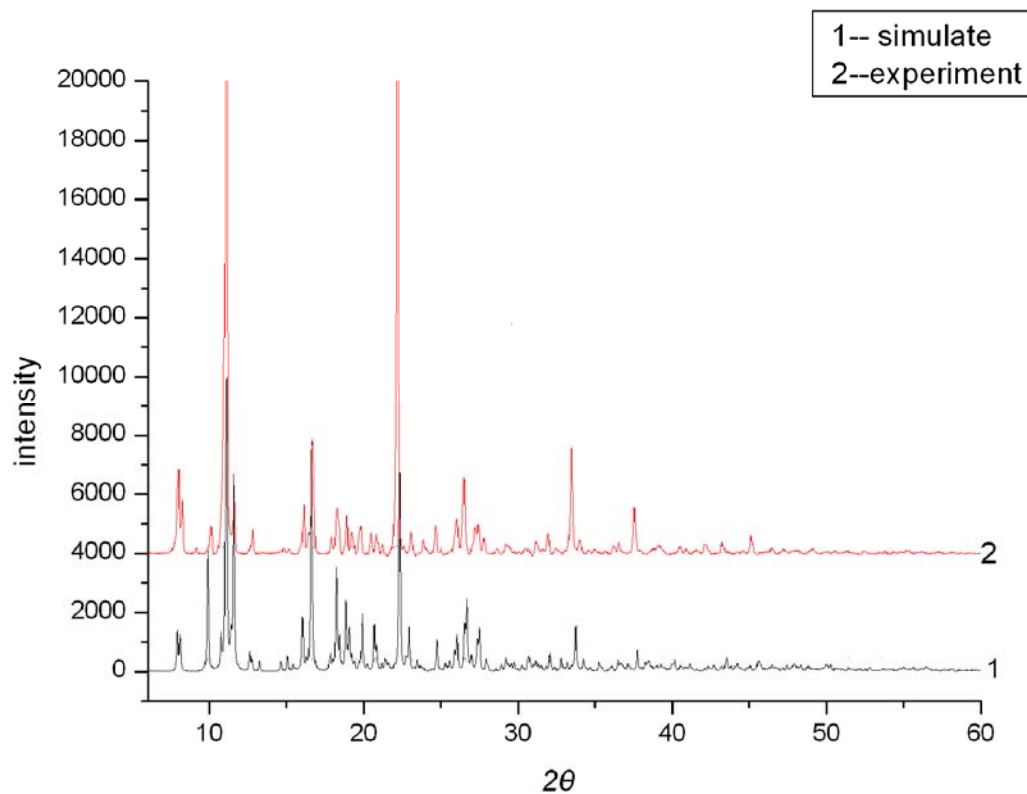


Fig. S2 X-ray powder diffraction patterns of **2**

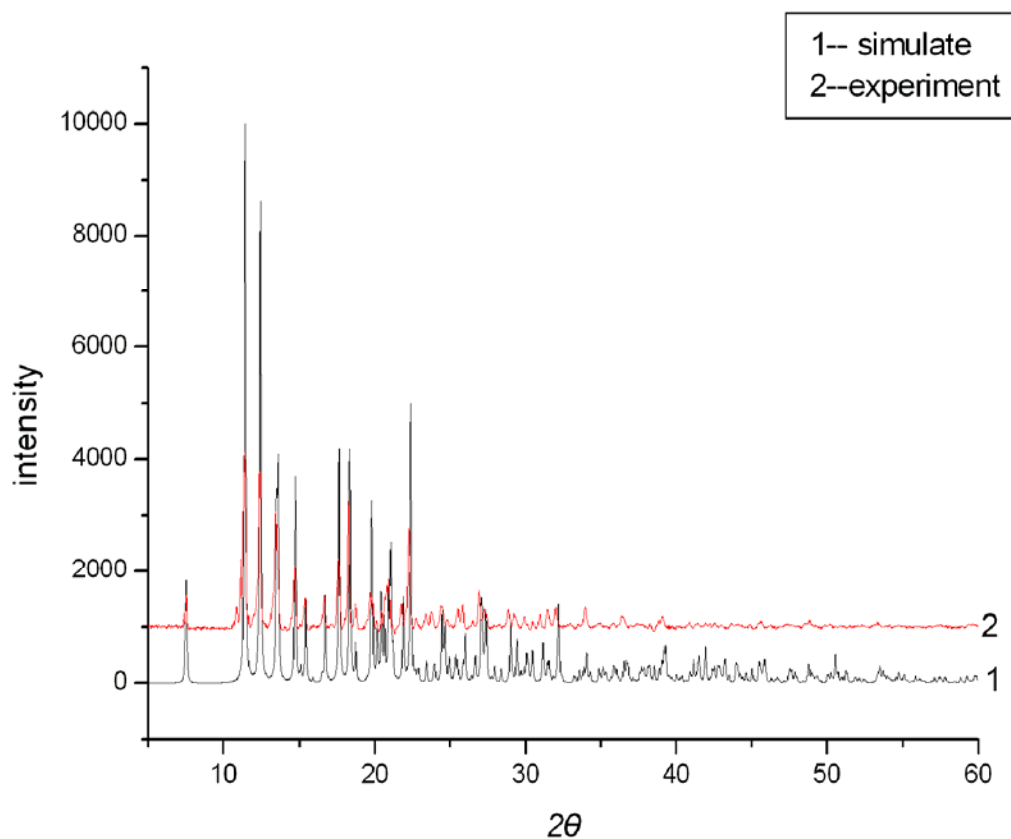


Fig. S3 X-ray powder diffraction patterns of **3**

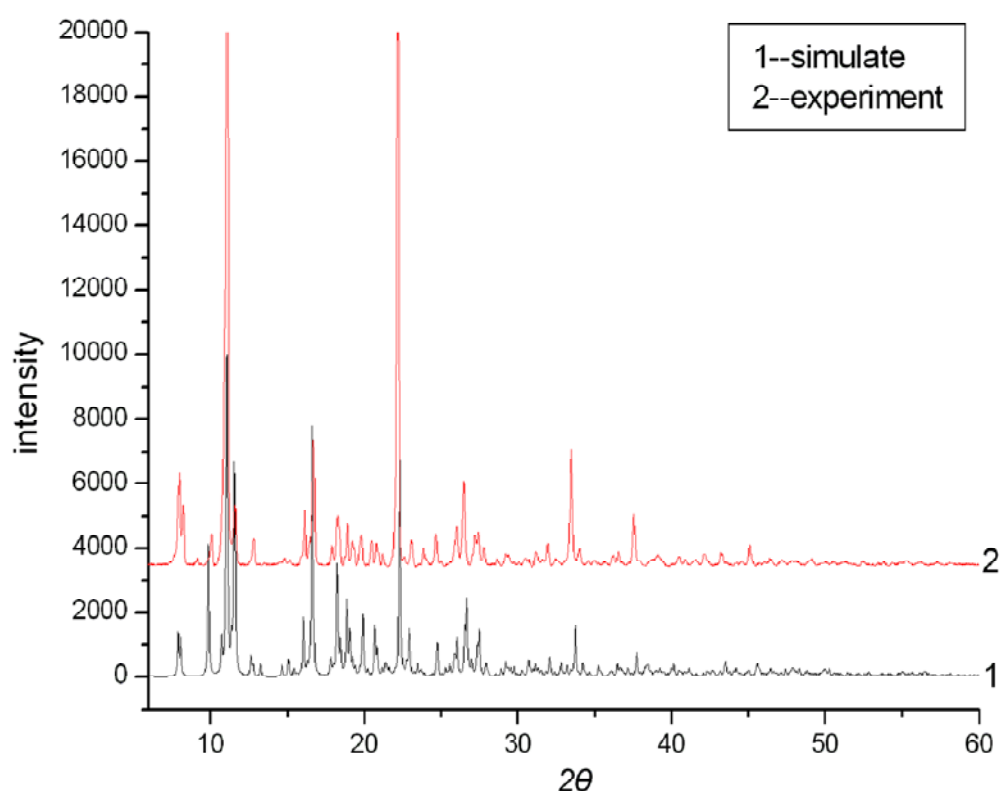


Fig. S4 X-ray powder diffraction patterns of **4**

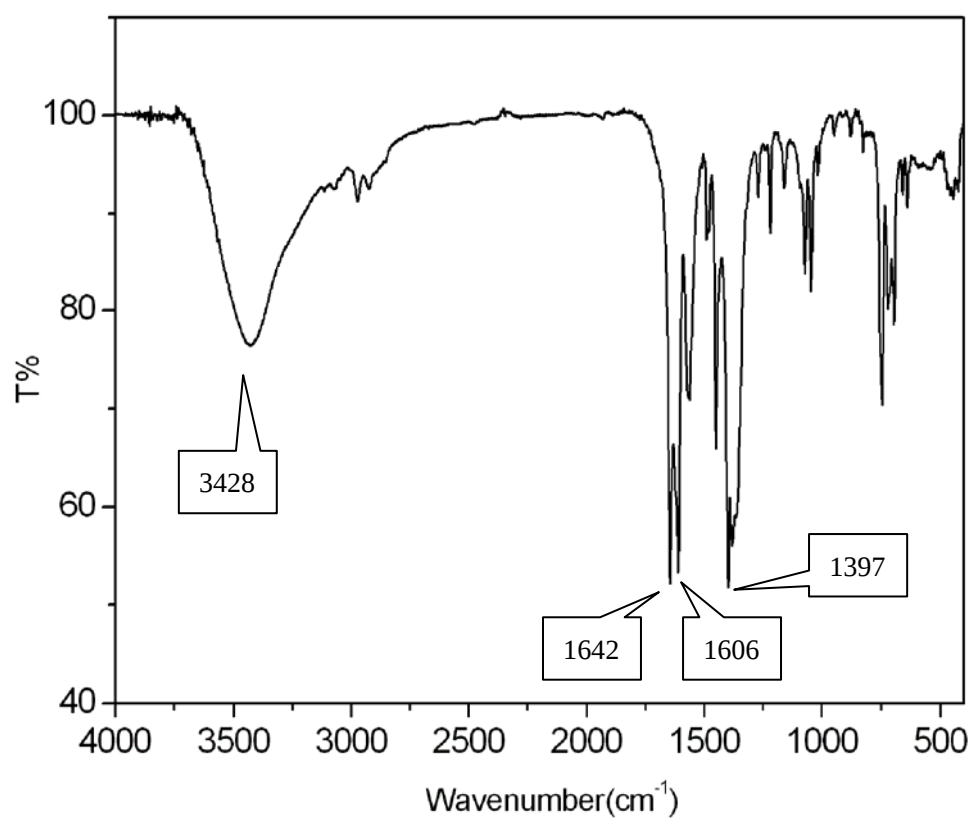


Fig. S5 IR spectrum of **1**

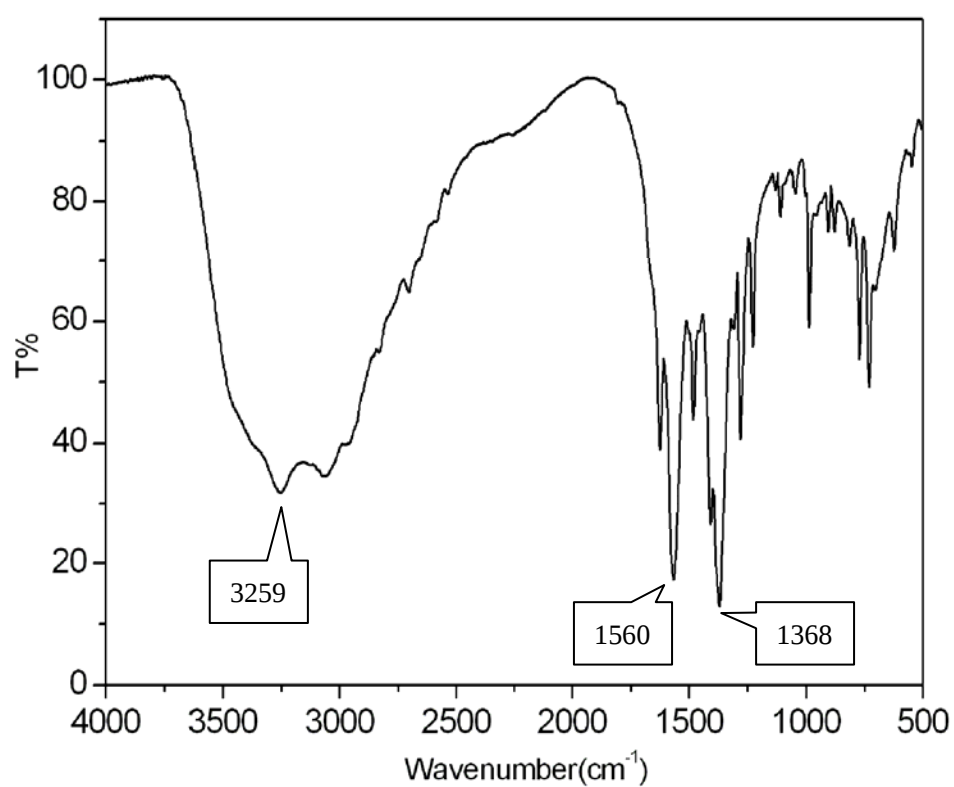


Fig. S6 IR spectrum of **2**

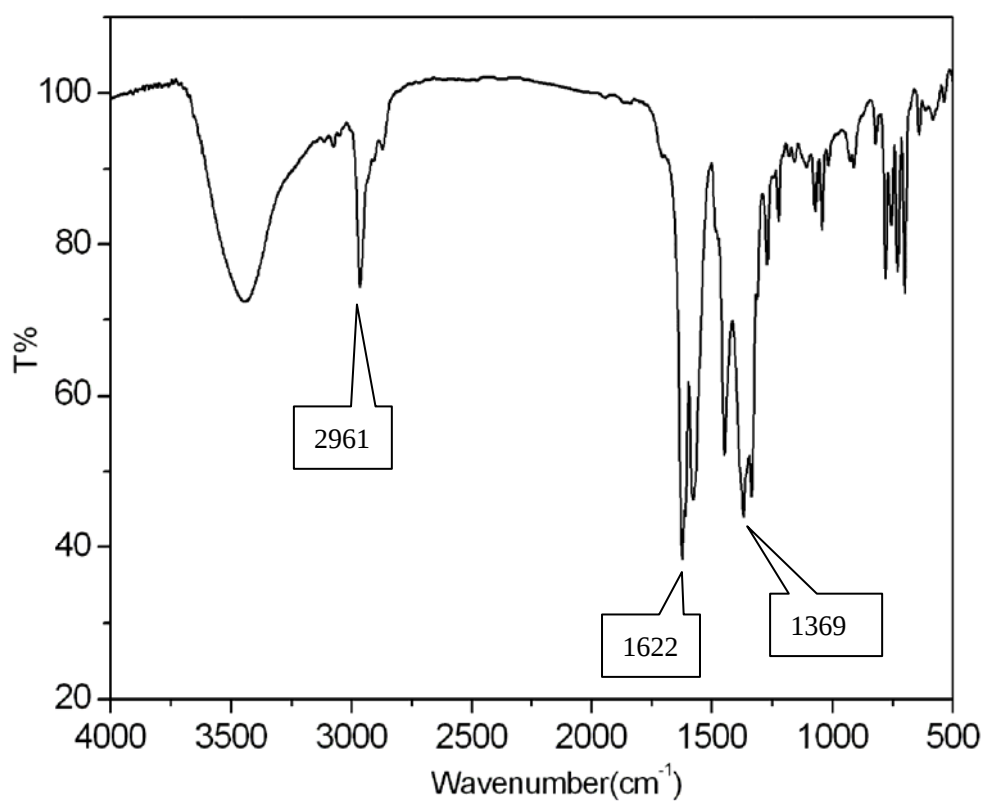


Fig. S7 IR spectrum of **3**

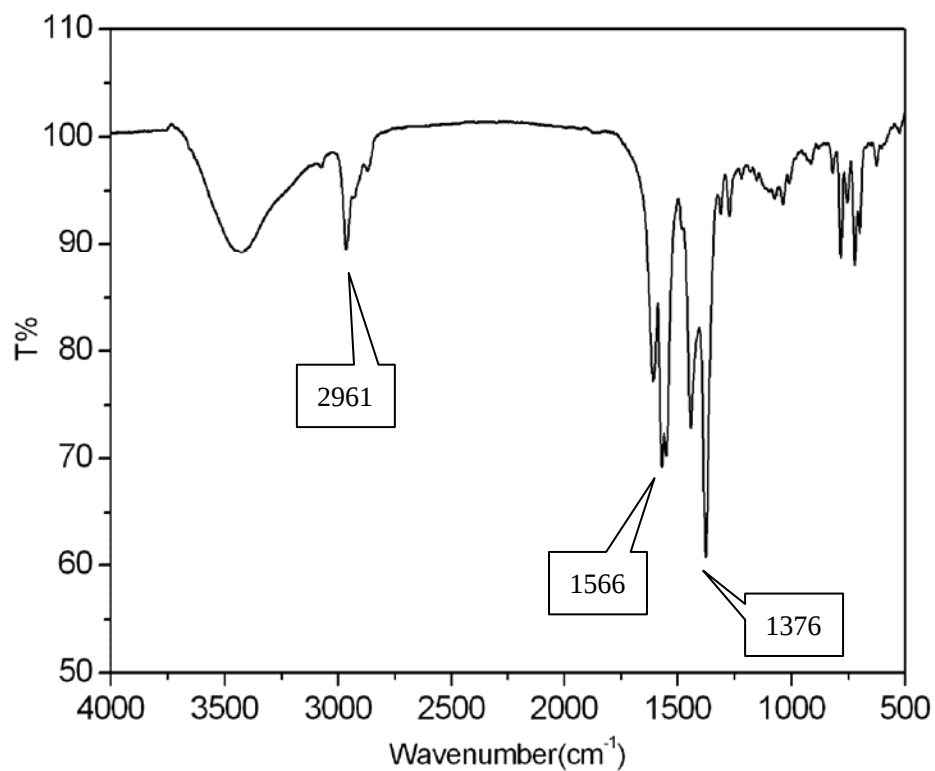


Fig. S8 IR spectrum of **4**