

Supplementary materials

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Fig. S1. The infrared spectrum of complex **1**.

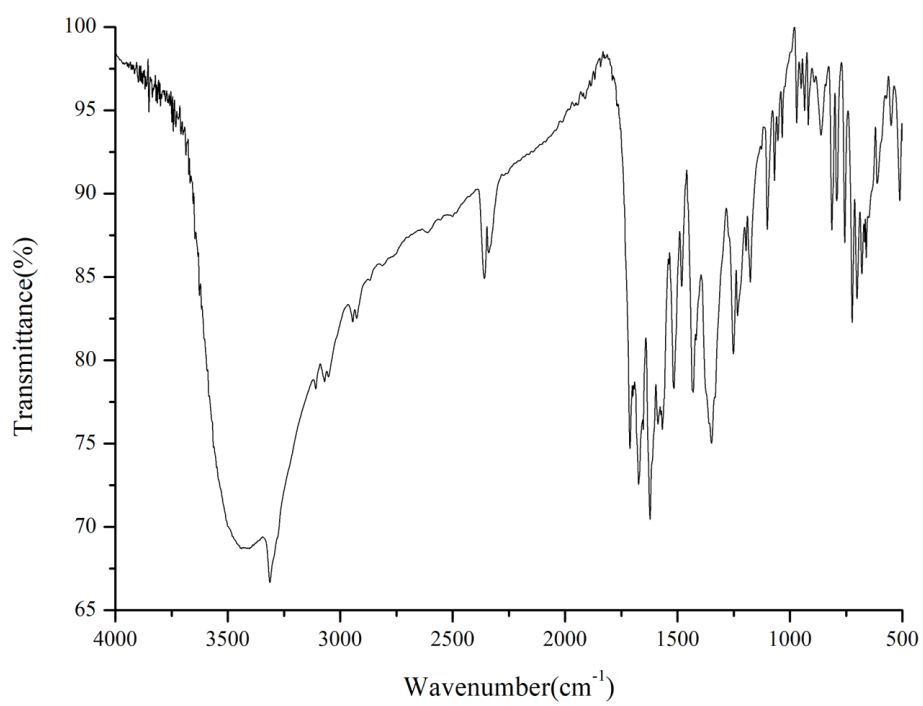


Fig. S2. The infrared spectrum of complex **2**.

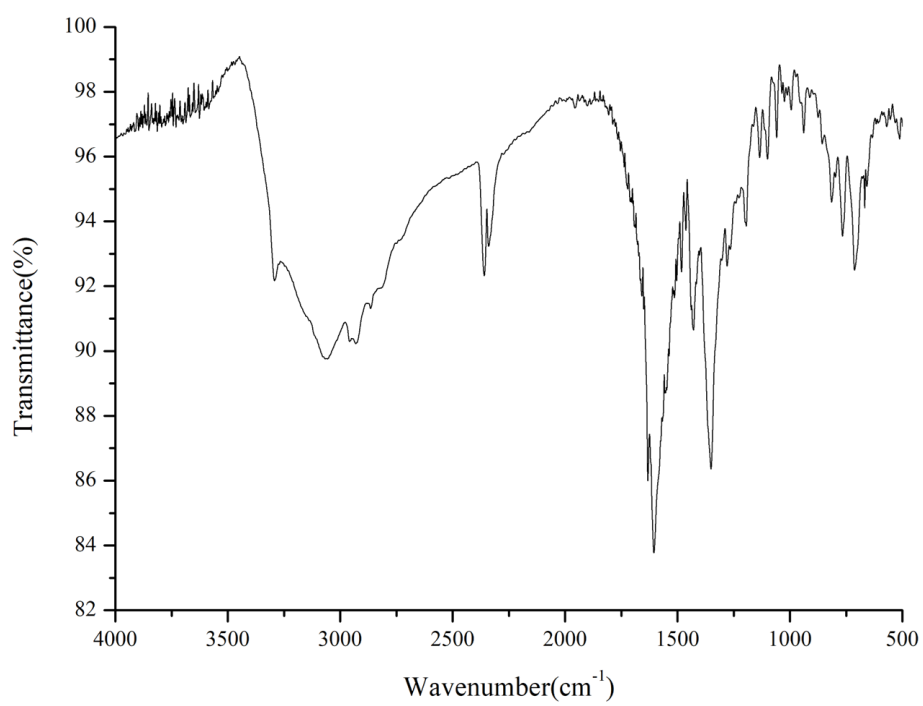


Fig. S3. The infrared spectrum of complex **3**.

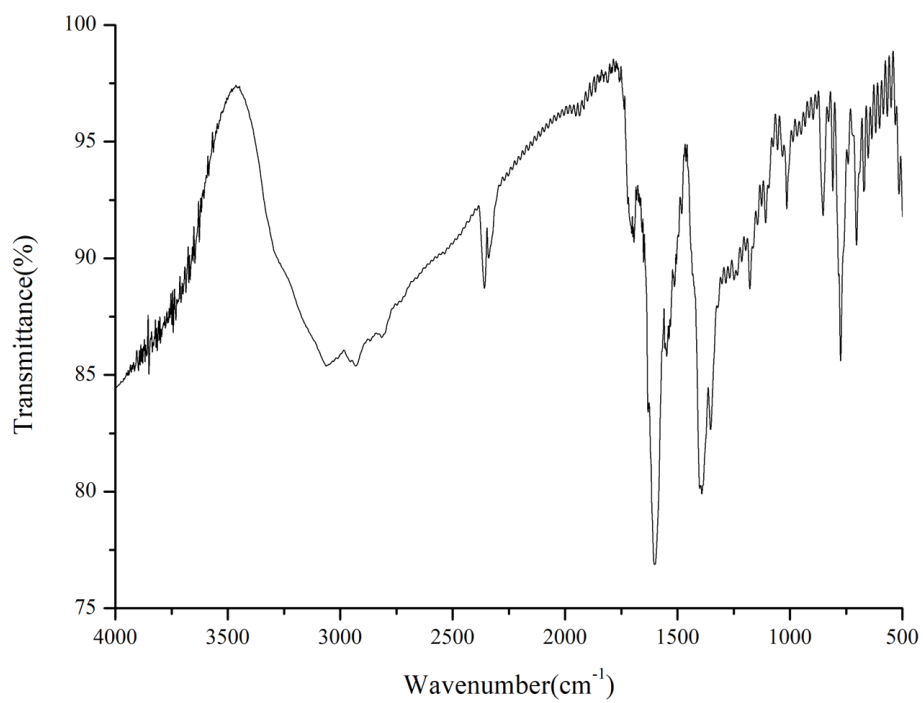


Fig. S4. The infrared spectrum of complex 4.

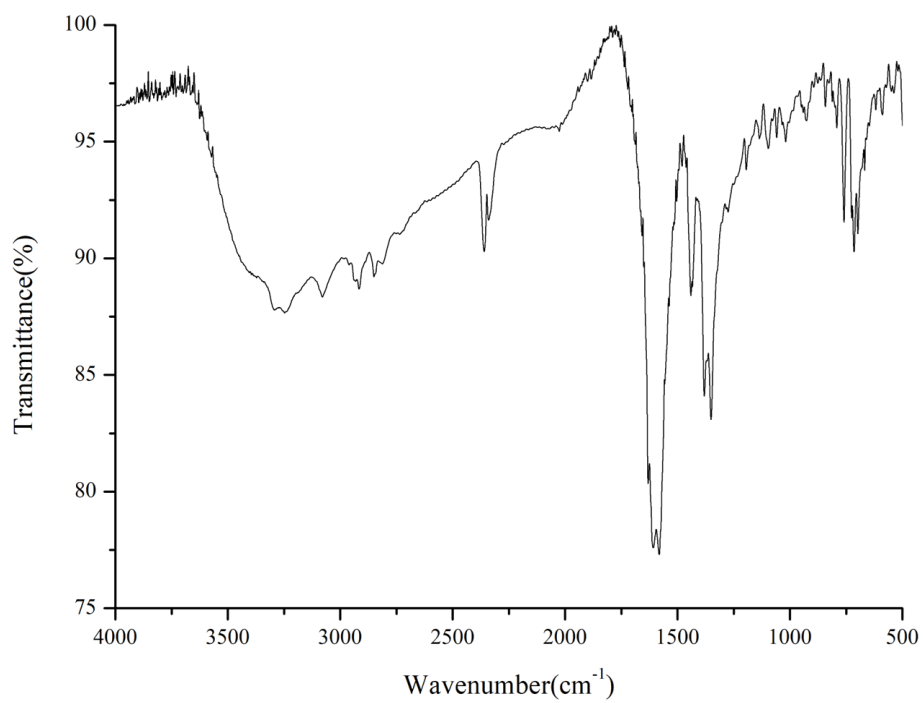


Fig. S5. The infrared spectrum of complex **5**.

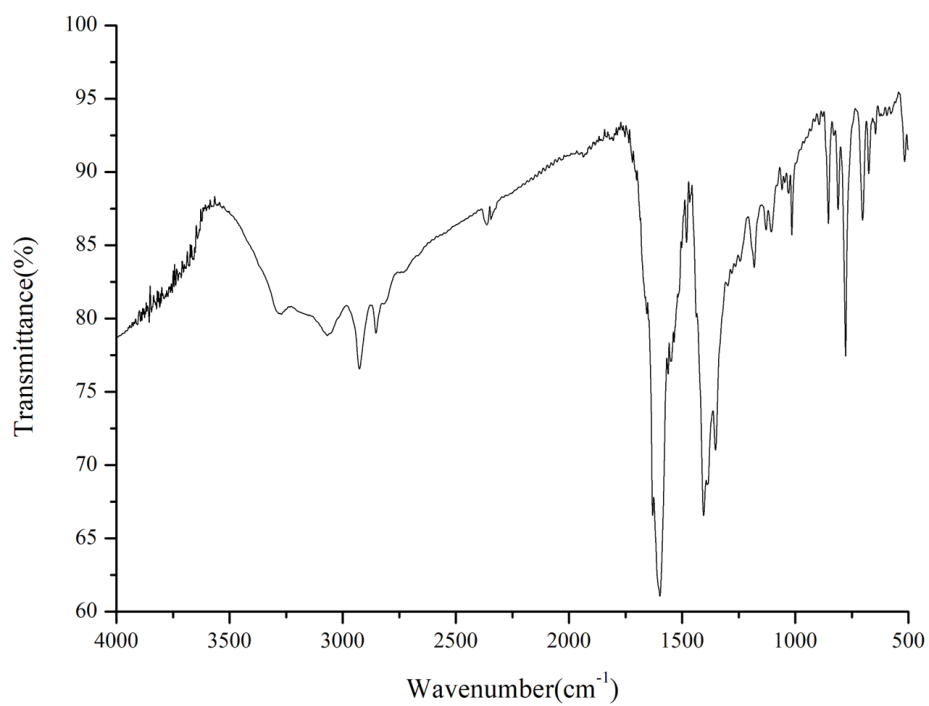


Fig. S6. The infrared spectrum of complex **6**.

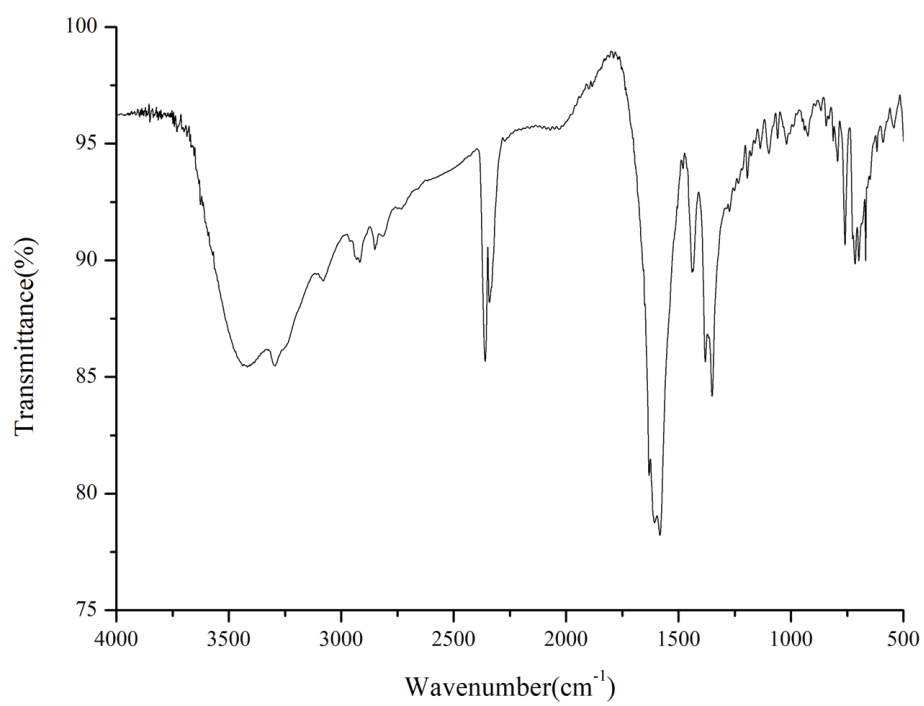


Fig. S7. Simulated and experimental PXRD patterns of **1**.

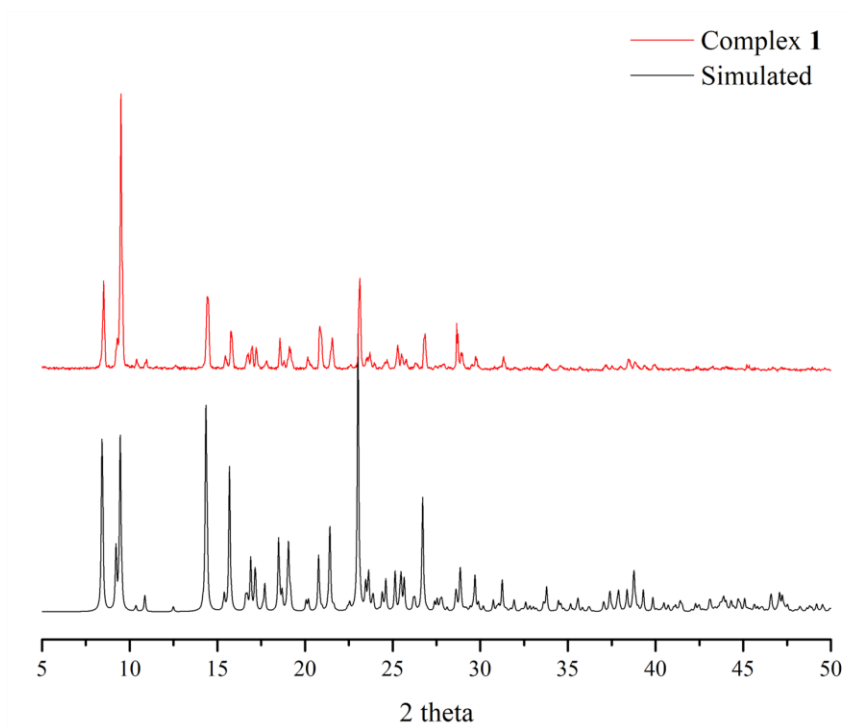


Fig. S8. Simulated and experimental PXRD patterns of **2**.

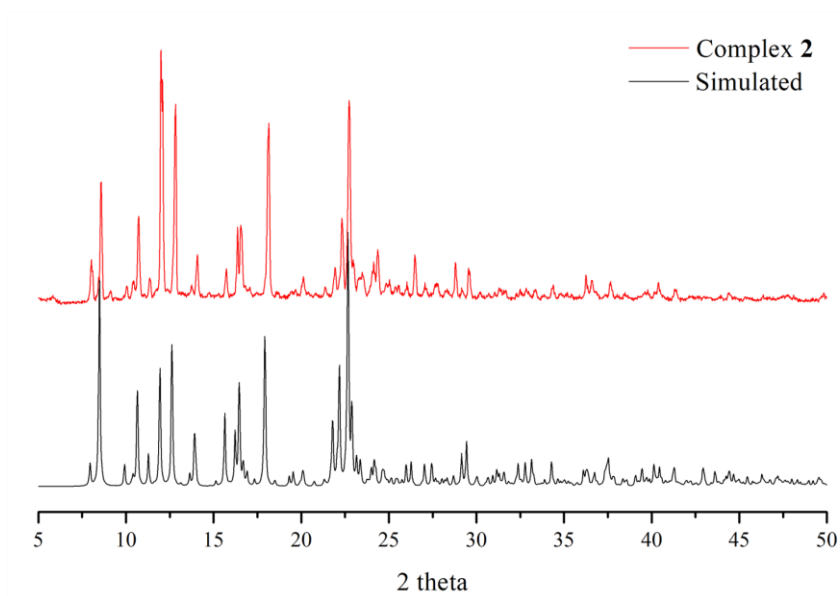


Fig. S9. Simulated and experimental PXRD patterns of **3**.

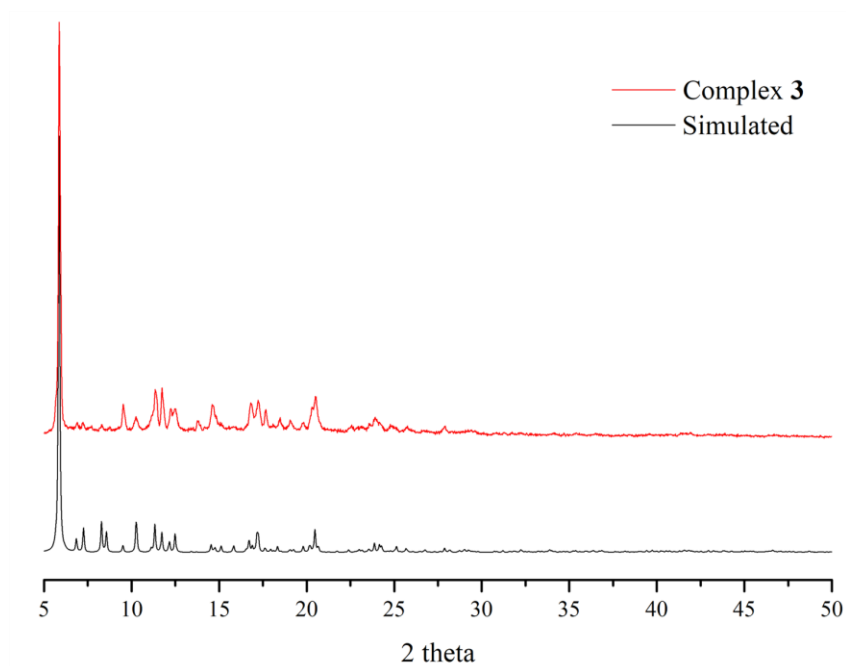


Fig. S10. Simulated and experimental PXRD patterns of **4**.

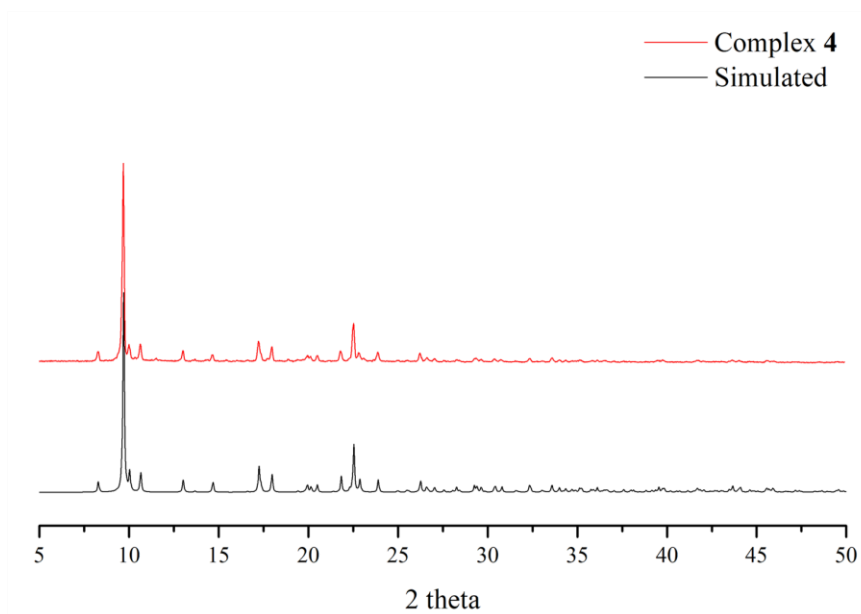


Fig. S11. Simulated and experimental PXRD patterns of **5**.

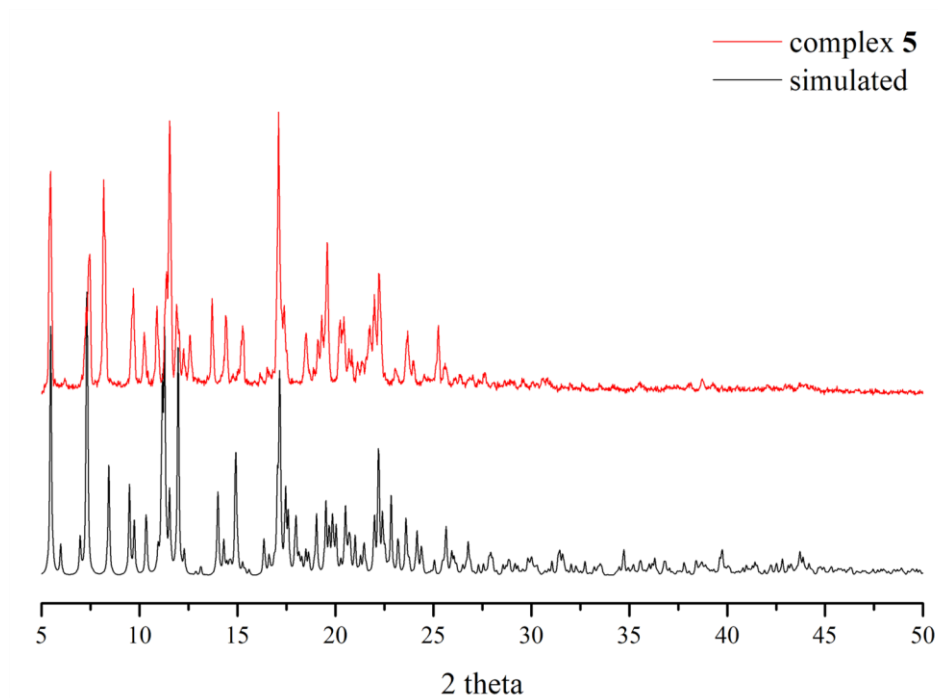


Fig. S12. Simulated and experimental PXRD patterns of **6**.

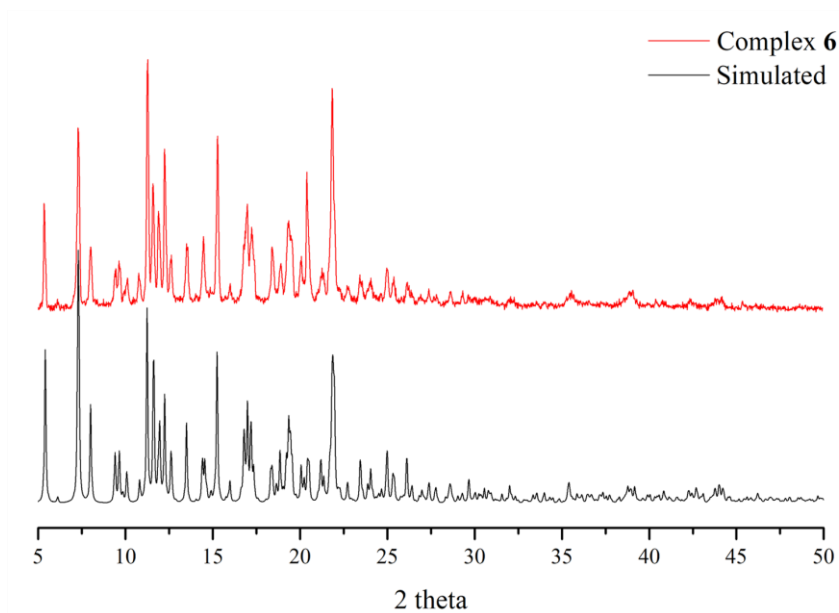


Fig. S13. The TGA curve for complex **1**.

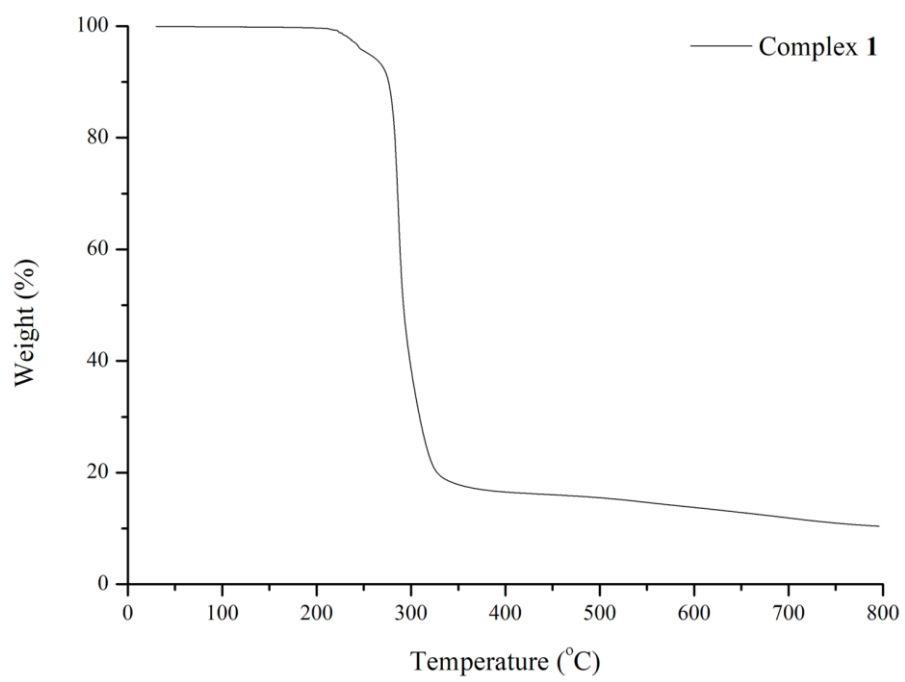


Fig. S14. The TGA curve for complex **2**.

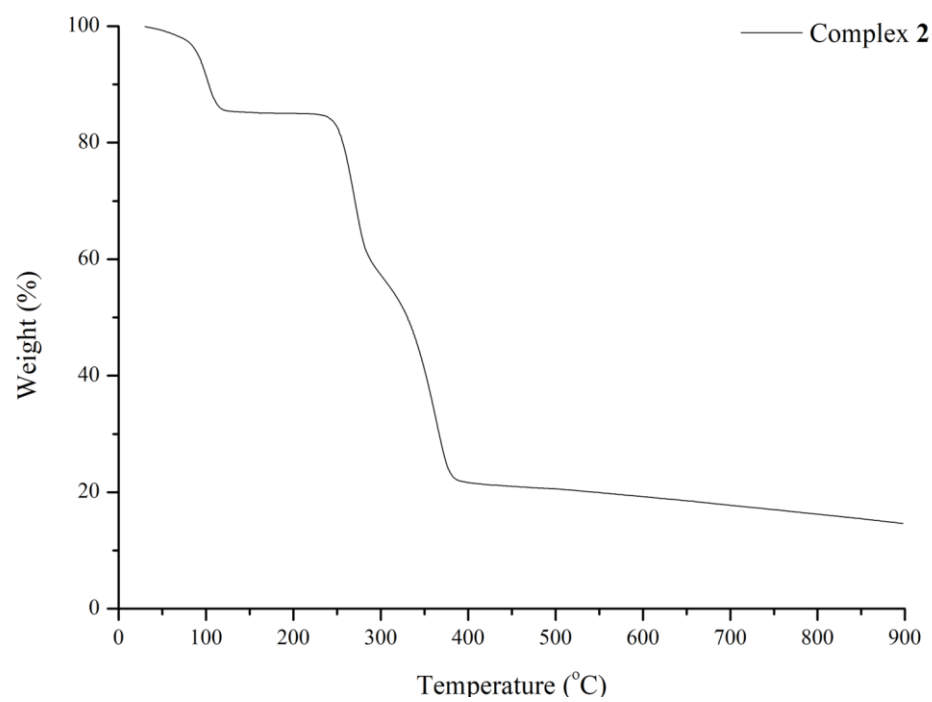


Fig. S15. The TGA curve for complex **3**.

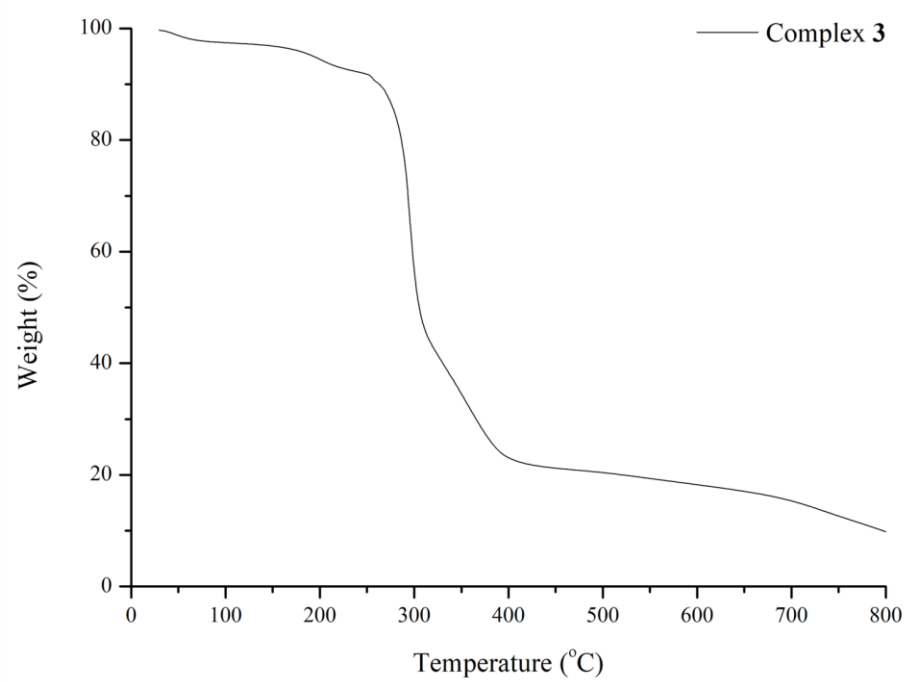


Fig. S16. The TGA curve for complex 4.

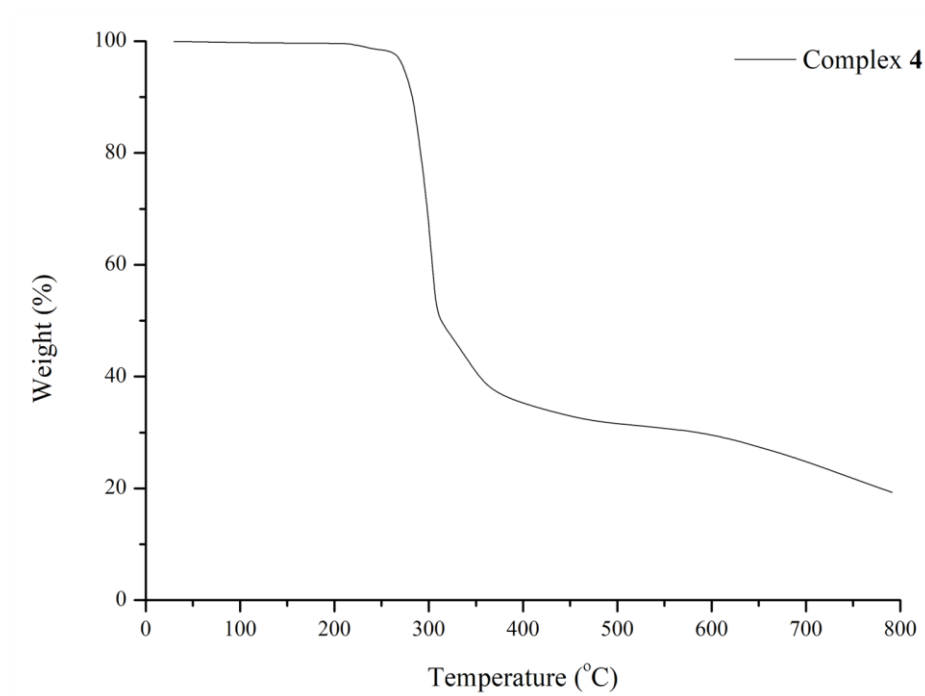


Fig. S17. The TGA curve for complex **5**.

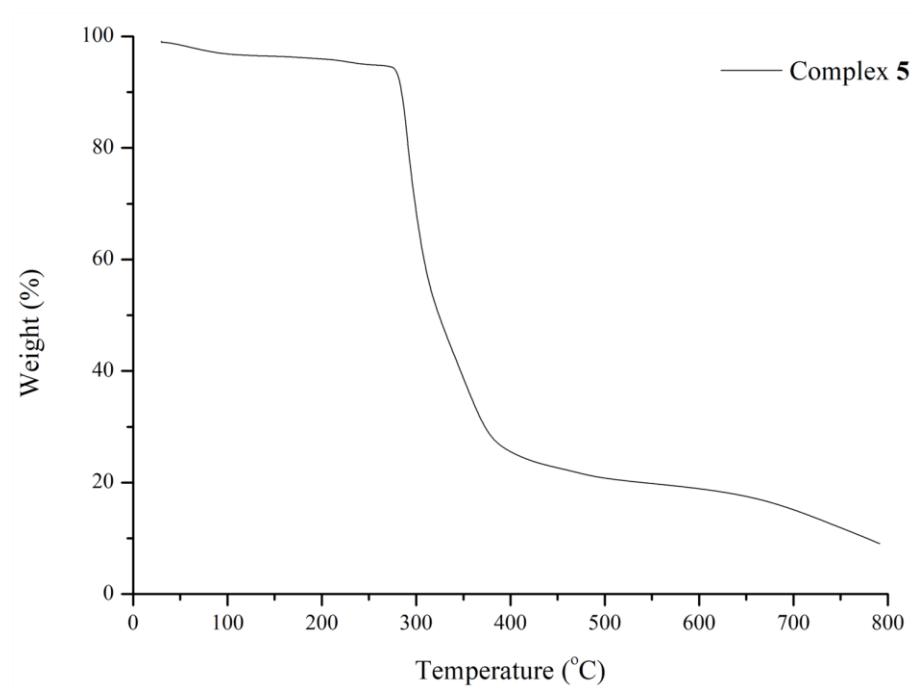


Fig. S18. The TGA curve for complex **6**.

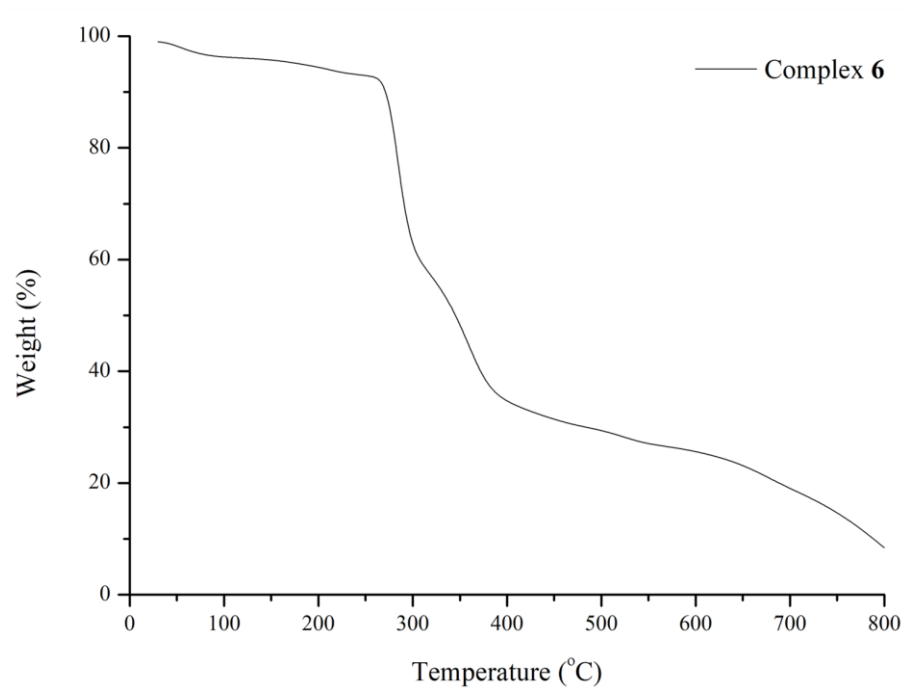


Fig. S19. Color change for the iodine-adsorbed samples of **1** at 25 °C. (a) Original **1**, and **1** adsorbed iodine for (b) 30 mins, (c) 60 mins, (d) 120 mins, (e) 180 mins and (f) 360 mins.

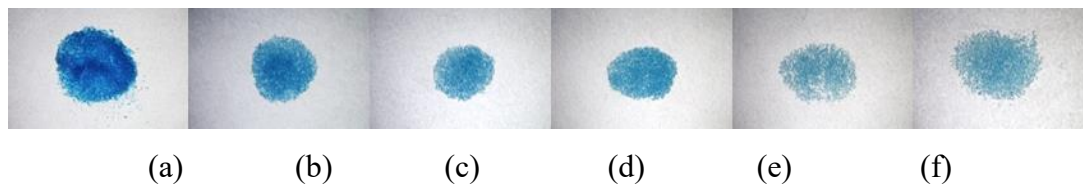


Fig. S20. Color change for the iodine-adsorbed samples of **1** at 60 °C. (a) Original **1**, and **1** adsorbed iodine for (b) 30 mins, (c) 60 mins, (d) 120 mins, (e) 180 mins and (f) 360 mins.

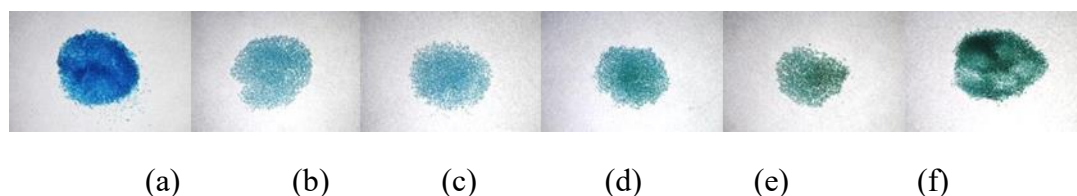


Fig. S21. Color change for the iodine-adsorbed samples of **2** at 25 °C. (a) Original **2**, and **2** adsorbed iodine for (b) 30 mins, (c) 60 mins, (d) 120 mins, (e) 180 mins and (f) 360 mins.

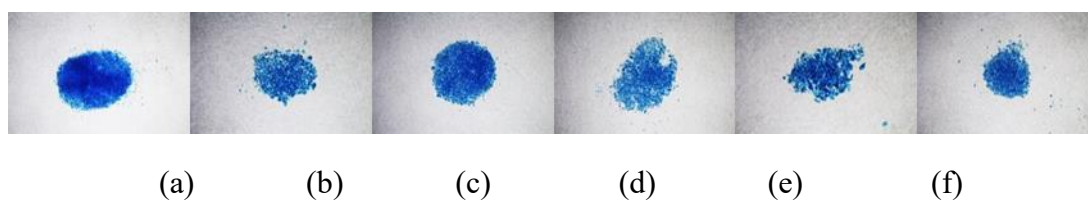


Fig. S22. Color change for the iodine-adsorbed samples of **2** at 60 °C. (a) Original **2**, and **2** adsorbed iodine for (b) 30 mins, (c) 60 mins, (d) 120 mins, (e) 180 mins and (f) 360 mins.

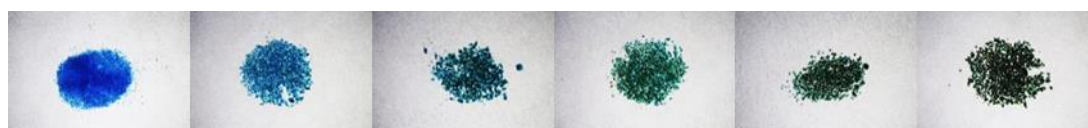


Fig. S23. Color change for the iodine-adsorbed samples of **3** at 25 °C. (a) Original **3**, and **3** adsorbed iodine for (b) 30 mins, (c) 60 mins, (d) 120 mins, (e) 180 mins and (f) 360 mins.

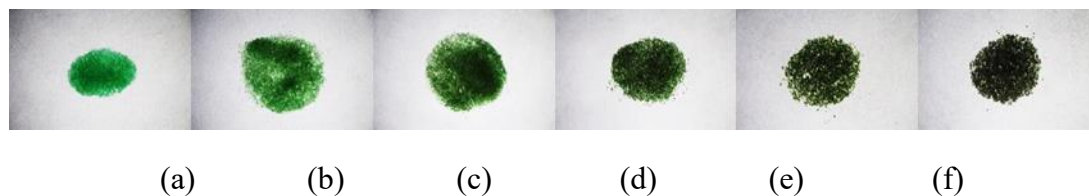


Fig. S24. Color change for the iodine-adsorbed samples of **3** at 60 °C. (a) Original **3**, and **3** adsorbed iodine for (b) 30 mins, (c) 60 mins, (d) 120 mins, (e) 180 mins and (f) 360 mins.

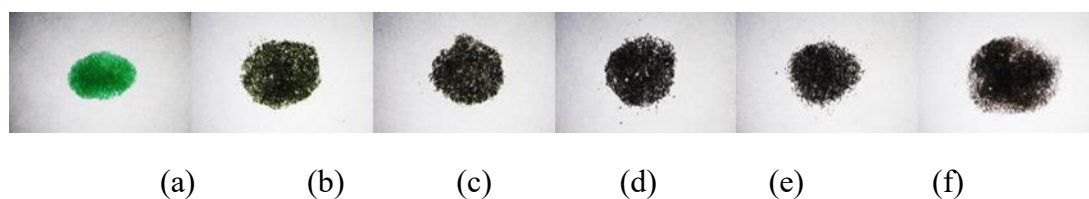


Fig. S25. Color change for the iodine-adsorbed samples of **4** at 25 °C. (a) Original **4**, and **4** adsorbed iodine for (b) 30 mins, (c) 60 mins, (d) 120 mins, (e) 180 mins and (f) 360 mins.

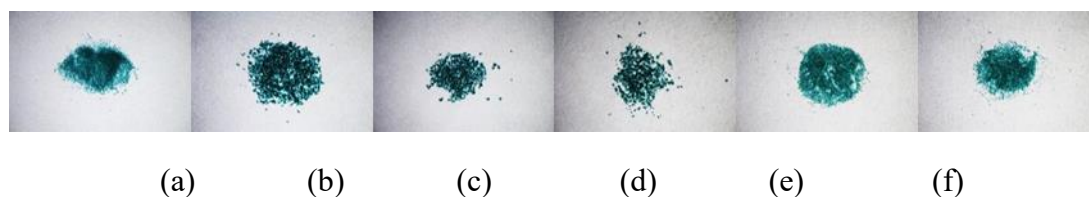


Fig. S26. Color change for the iodine-adsorbed samples of **4** at 60 °C. (a) Original **4**, and **4** adsorbed iodine for (b) 30 mins, (c) 60 mins, (d) 120 mins, (e) 180 mins and (f) 360 mins.

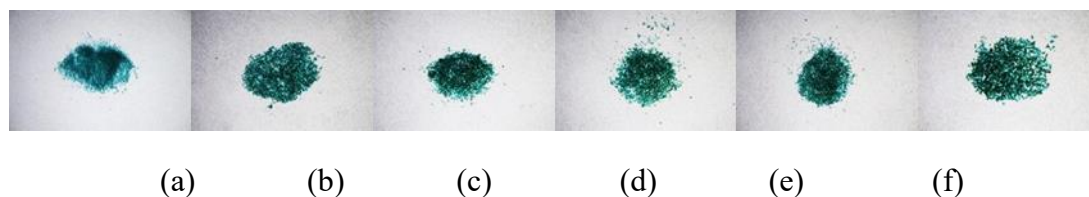


Fig. S27. Color change for the iodine-adsorbed samples of **5** at 25 °C. (a) Original **5**, and **5** adsorbed iodine for (b) 30 mins, (c) 60 mins, (d) 120 mins, (e) 180 mins and (f) 360 mins.

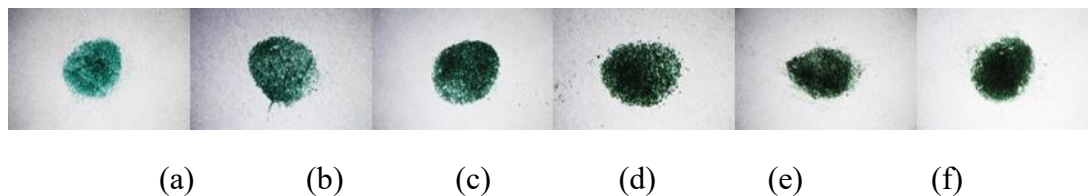


Fig. S28. Color change for the iodine-adsorbed samples of **5** at 60 °C. (a) Original **5**, and **5** adsorbed iodine for (b) 30 mins, (c) 60 mins, (d) 120 mins, (e) 180 mins and (f) 360 mins.

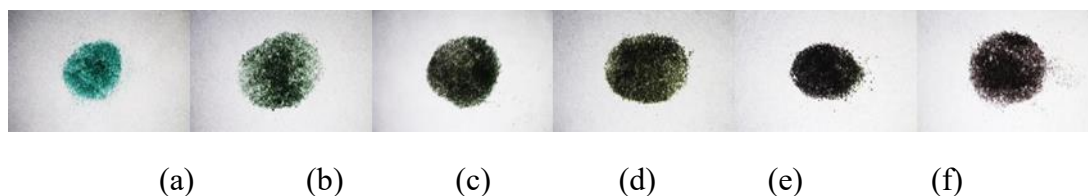


Fig. S29. Color change for the iodine-adsorbed samples of **6** at 25 °C. (a) Original **6**, and **6** adsorbed iodine for (b) 30 mins, (c) 60 mins, (d) 120 mins, (e) 180 mins and (f) 360 mins.

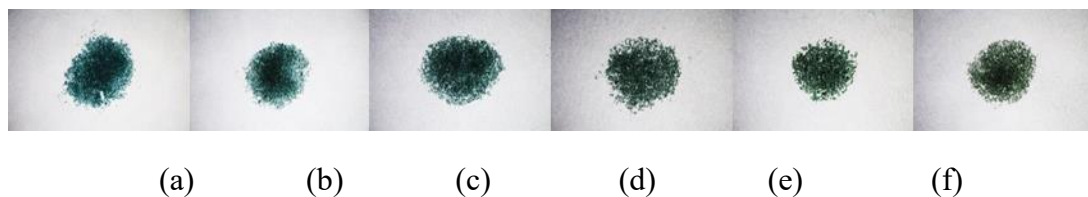


Fig. S30. Color change for the iodine-adsorbed samples of **6** at 60 °C. (a) Original **6**, and **6** adsorbed iodine for (b) 30 mins, (c) 60 mins, (d) 120 mins, (e) 180 mins and (f) 360 mins.

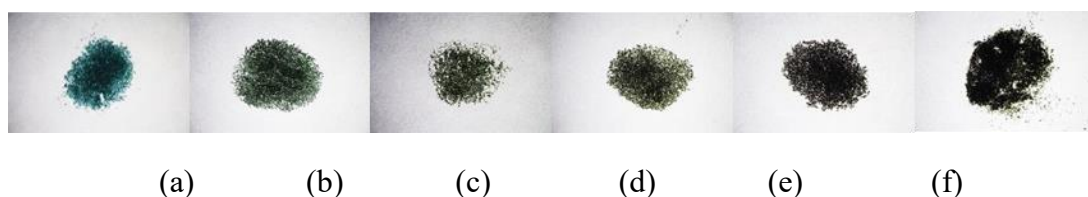


Table S1. Iodine adsorption for complex **1** at 25 °C.

adsorption times (mins)	times	initial weight (mg)	final weight (mg)	iodine content (mg)	adsorbability (mg g ⁻¹)	average (mg g ⁻¹)
30	1	10.0	10.0	0.0	0.0	0.0
	2	10.0	10.0	0.0	0.0	
	3	10.0	10.0	0.0	0.0	
60	1	10.0	10.1	0.1	10.0	3.3
	2	10.0	10.0	0.0	0.0	
	3	10.0	10.0	0.0	0.0	
120	1	10.0	10.1	0.1	10.0	6.7
	2	10.0	10.1	0.1	10.0	
	3	10.0	10.0	0.0	0.0	
180	1	10.0	10.2	0.2	20.0	13.3
	2	10.0	10.1	0.1	10.0	
	3	10.0	10.1	0.1	10.0	
360	1	10.0	10.2	0.2	20.0	13.3
	2	10.0	10.1	0.1	10.0	
	3	10.0	10.1	0.1	10.0	

Table S2. Iodine adsorption for complex **1** at 60 °C.

adsorption times (mins)	times	initial weight (mg)	final weight (mg)	iodine content (mg)	adsorbability (mg g ⁻¹)	average (mg g ⁻¹)
30	1	10.0	10.0	0.0	0.0	0.0
	2	10.0	10.0	0.0	0.0	
	3	10.0	10.0	0.0	0.0	
60	1	10.0	10.1	0.1	10.0	10.0
	2	10.0	10.1	0.1	10.0	
	3	10.0	10.1	0.1	10.0	
120	1	10.0	10.2	0.2	20.0	13.3
	2	10.0	10.1	0.1	10.0	
	3	10.0	10.1	0.1	10.0	
180	1	10.0	10.2	0.2	20.0	16.7
	2	10.0	10.1	0.1	10.0	
	3	10.0	10.2	0.2	20.0	
360	1	10.0	10.2	0.2	20.0	20.0
	2	10.0	10.3	0.3	30.0	
	3	10.0	10.1	0.1	10.0	

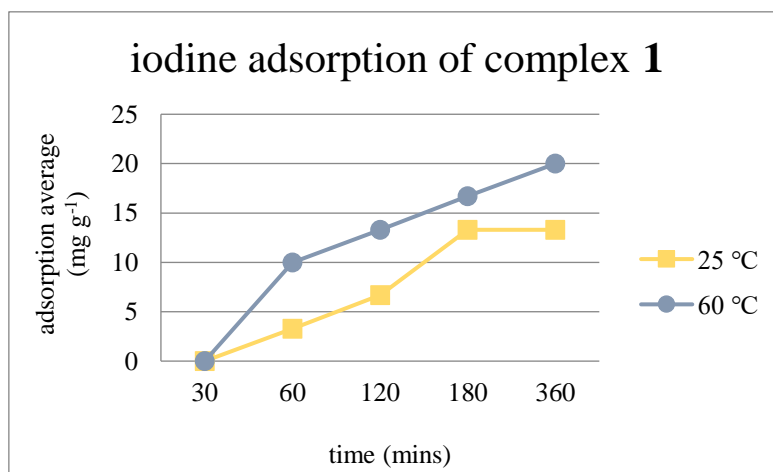


Table S3. Iodine adsorption for complex **2** at 25 °C.

adsorption times (mins)	times	initial weight (mg)	final weight (mg)	iodine content (mg)	adsorbability (mg g ⁻¹)	average (mg g ⁻¹)
30	1	10.0	10.1	0.1	10.0	3.3
	2	10.0	10.0	0.0	0.0	
	3	10.0	10.0	0.0	0.0	
60	1	10.0	10.1	0.1	10.0	10.0
	2	10.0	10.1	0.1	10.0	
	3	10.0	10.1	0.1	10.0	
120	1	10.0	10.1	0.1	10.0	13.3
	2	10.0	10.1	0.1	10.0	
	3	10.0	10.2	0.2	20.0	
180	1	10.0	10.1	0.1	10.0	13.3
	2	10.0	10.2	0.2	20.0	
	3	10.0	10.1	0.1	10.0	
360	1	10.0	10.4	0.4	40.0	33.3
	2	10.0	10.3	0.3	30.0	
	3	10.0	10.3	0.3	30.0	

Table S4. Iodine adsorption for complex **2** at 60 °C.

adsorption times (mins)	times	initial weight (mg)	final weight (mg)	iodine content (mg)	adsorbability (mg g ⁻¹)	average (mg g ⁻¹)
30	1	10.0	10.2	0.2	20.0	16.7
	2	10.0	10.1	0.1	10.0	
	3	10.0	10.2	0.2	20.0	
60	1	10.0	10.2	0.2	20.0	20.0
	2	10.0	10.3	0.3	30.0	
	3	10.0	10.1	0.1	10.0	
120	1	10.0	10.2	0.2	20.0	30.0
	2	10.0	10.4	0.4	40.0	
	3	10.0	10.3	0.3	30.0	
180	1	10.0	10.4	0.4	40.0	43.3
	2	10.0	10.5	0.5	50.0	
	3	10.0	10.4	0.4	40.0	
360	1	10.0	10.7	0.7	70.0	70.0
	2	10.0	10.8	0.8	80.0	
	3	10.0	10.6	0.6	60.0	

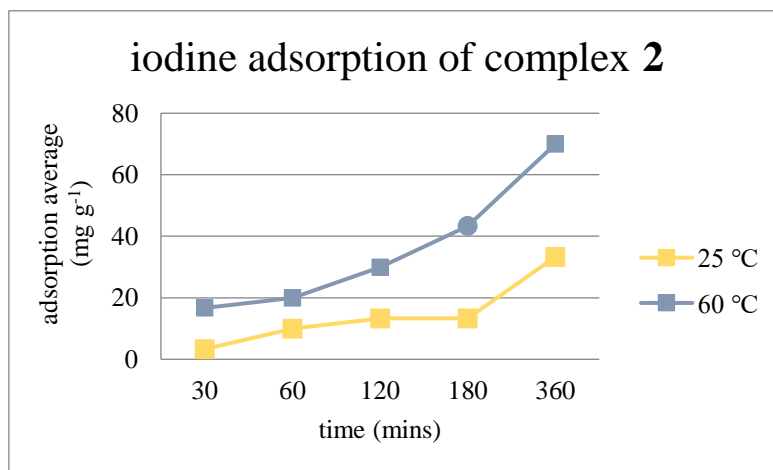


Table S5. Iodine adsorption for complex **3** at 25 °C.

adsorption times (mins)	times	initial weight (mg)	final weight (mg)	iodine content (mg)	adsorbability (mg g ⁻¹)	average (mg g ⁻¹)
30	1	10.0	10.2	0.2	20.0	13.3
	2	10.0	10.1	0.1	10.0	
	3	10.0	10.1	0.1	10.0	
60	1	10.0	10.2	0.2	20.0	13.3
	2	10.0	10.1	0.1	10.0	
	3	10.0	10.1	0.1	10.0	
120	1	10.0	10.3	0.3	30.0	30.0
	2	10.0	10.2	0.2	20.0	
	3	10.0	10.4	0.4	40.0	
180	1	10.0	10.3	0.3	30.0	30.0
	2	10.0	10.3	0.3	30.0	
	3	10.0	10.3	0.3	30.0	
360	1	10.0	10.5	0.5	50.0	46.7
	2	10.0	10.4	0.4	40.0	
	3	10.0	10.5	0.5	50.0	

Table S6. Iodine adsorption for complex **3** at 60 °C.

adsorption times (mins)	times	initial weight (mg)	final weight (mg)	iodine content (mg)	adsorbability (mg g ⁻¹)	average (mg g ⁻¹)
30	1	10.0	10.1	0.1	10.0	26.7
	2	10.0	10.2	0.2	20.0	
	3	10.0	10.5	0.5	50.0	
60	1	10.0	10.2	0.2	20.0	36.7
	2	10.0	10.3	0.3	30.0	
	3	10.0	10.6	0.6	60.0	
120	1	10.0	11.3.	1.3	130.0	93.3
	2	10.0	10.8	0.8	80.0	
	3	10.0	10.7	0.7	70.0	
180	1	10.0	11.3	1.3	130.0	116.7
	2	10.0	11.0	1.0	100.0	
	3	10.0	11.2	1.2	120.0	
360	1	10.0	11.5	1.5	150.0	156.7
	2	10.0	11.5	1.5	150.0	
	3	10.0	11.7	1.7	170.0	

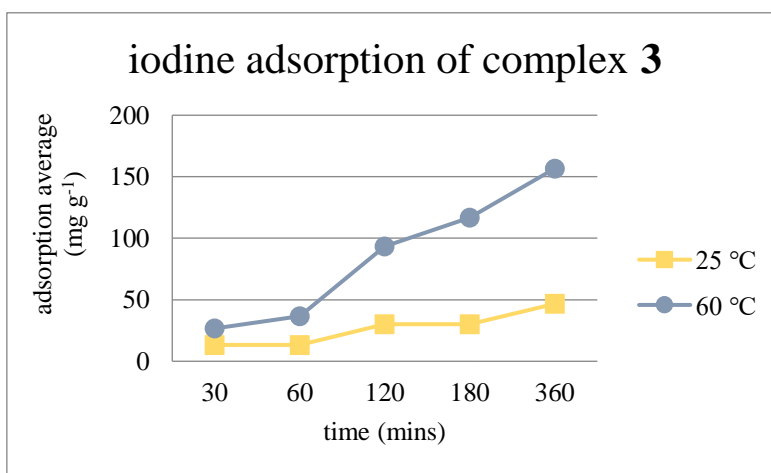


Table S7. Iodine adsorption for complex **4** at 25 °C.

adsorption times (mins)	times	initial weight (mg)	final weight (mg)	iodine content (mg)	adsorbability (mg g ⁻¹)	average (mg g ⁻¹)
30	1	10.0	10.1	0.1	10.0	3.3
	2	10.0	10.0	0.0	0.0	
	3	10.0	10.0	0.0	0.0	
60	1	10.0	10.1	0.1	10.0	6.7
	2	10.0	10.0	0.0	0.0	
	3	10.0	10.1	0.1	10.0	
120	1	10.0	10.2	0.2	20.0	20.0
	2	10.0	10.2	0.2	20.0	
	3	10.0	10.2	0.2	20.0	
180	1	10.0	10.2	0.2	20.0	20.0
	2	10.0	10.2	0.2	20.0	
	3	10.0	10.2	0.2	20.0	
360	1	10.0	10.2	0.2	20.0	20.0
	2	10.0	10.2	0.2	20.0	
	3	10.0	10.2	0.2	20.0	

Table S8. Iodine adsorption for complex **4** at 60 °C.

adsorption times (mins)	times	initial weight (mg)	final weight (mg)	iodine content (mg)	adsorbability (mg g ⁻¹)	average (mg g ⁻¹)
30	1	10.0	10.1	0.1	10.0	10.0
	2	10.0	10.0	0.0	0.0	
	3	10.0	10.2	0.2	20.0	
60	1	10.0	10.2	0.2	20.0	20.0
	2	10.0	10.1	0.1	10.0	
	3	10.0	10.3	0.3	30.0	
120	1	10.0	10.4	0.4	40.0	26.7
	2	10.0	10.3	0.3	30.0	
	3	10.0	10.1	0.1	10.0	
180	1	10.0	10.4	0.4	40.0	26.7
	2	10.0	10.1	0.1	10.0	
	3	10.0	10.3	0.3	30.0	
360	1	10.0	10.4	0.4	40.0	40.0
	2	10.0	10.5	0.5	50.0	
	3	10.0	10.3	0.3	30.0	

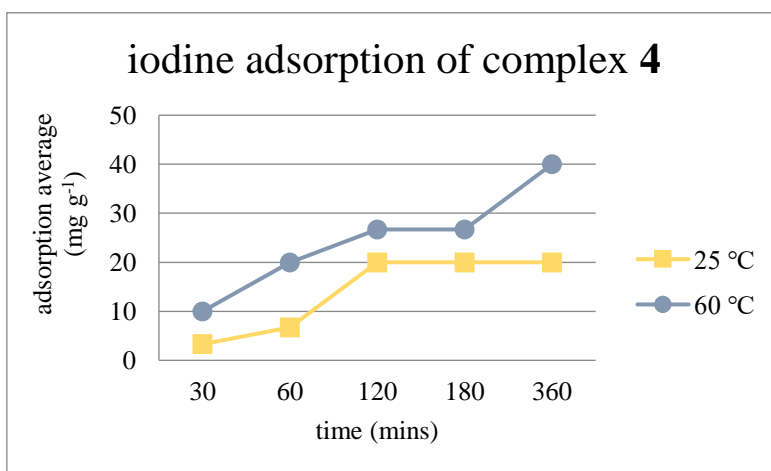


Table S9. Iodine adsorption for complex **5** at 25 °C.

adsorption times (mins)	times	initial weight (mg)	final weight (mg)	iodine content (mg)	adsorbability (mg g ⁻¹)	average (mg g ⁻¹)
30	1	10.0	10.2	0.2	20.0	10.0
	2	10.0	10.0	0.0	0.0	
	3	10.0	10.1	0.1	10.0	
60	1	10.0	10.2	0.2	20.0	16.7
	2	10.0	10.1	0.1	10.0	
	3	10.0	10.2	0.2	20.0	
120	1	10.0	10.3	0.3	30.0	20.0
	2	10.0	10.1	0.1	10.0	
	3	10.0	10.2	0.2	20.0	
180	1	10.0	10.3	0.3	30.0	30.0
	2	10.0	10.2	0.2	20.0	
	3	10.0	10.4	0.4	40.0	
360	1	10.0	10.4	0.4	40.0	36.7
	2	10.0	10.3	0.3	30.0	
	3	10.0	10.4	0.4	40.0	

Table S10. Iodine adsorption for complex **5** at 60 °C.

adsorption times (mins)	times	initial weight (mg)	final weight (mg)	iodine content (mg)	adsorbability (mg g ⁻¹)	average (mg g ⁻¹)
30	1	10.0	10.7	0.7	70.0	73.3
	2	10.0	10.5	0.5	50.0	
	3	10.0	11.0	1.0	100.0	
60	1	10.0	11.4	1.4	140.0	133.3
	2	10.0	11.3	1.3	130.0	
	3	10.0	11.3	1.3	130.0	
120	1	10.0	12.2	2.2	220.0	190.0
	2	10.0	11.9	1.9	190.0	
	3	10.0	11.6	1.6	160.0	
180	1	10.0	12.2	2.2	220.0	193.3
	2	10.0	11.8	1.8	180.0	
	3	10.0	11.8	1.8	180.0	
360	1	10.0	12.9	2.9	290.0	290.0
	2	10.0	13.0	3.0	300.0	
	3	10.0	12.8	2.8	280.0	

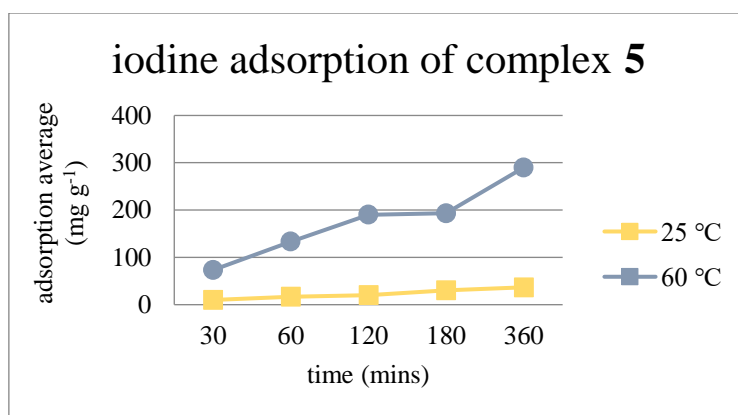


Table S11. Iodine adsorption for complex **6** at 25 °C.

adsorption times (mins)	times	initial weight (mg)	final weight (mg)	iodine content (mg)	adsorbability (mg g ⁻¹)	average (mg g ⁻¹)
30	1	10.0	10.0	0.0	0.0	0.0
	2	10.0	10.0	0.0	0.0	
	3	10.0	10.0	0.0	0.0	
60	1	10.0	10.1	0.1	10.0	10.0
	2	10.0	10.1	0.1	10.0	
	3	10.0	10.1	0.1	10.0	
120	1	10.0	10.4	0.4	40.0	33.3
	2	10.0	10.3	0.3	30.0	
	3	10.0	10.3	0.3	30.0	
180	1	10.0	10.4	0.4	40.0	40.0
	2	10.0	10.5	0.5	50.0	
	3	10.0	10.3	0.3	30.0	
360	1	10.0	10.7	0.7	70.0	53.3
	2	10.0	10.5	0.5	50.0	
	3	10.0	10.4	0.4	40.0	

Table S12. Iodine adsorption for complex **6** at 60 °C.

adsorption times (mins)	times	initial weight (mg)	final weight (mg)	iodine content (mg)	adsorbability (mg g ⁻¹)	average (mg g ⁻¹)
30	1	10.0	10.5	0.5	50.0	53.3
	2	10.0	10.2	0.2	20.0	
	3	10.0	10.9	0.9	90.0	
60	1	10.0	10.9	0.9	90.0	100.0
	2	10.0	11.0	1.0	100.0	
	3	10.0	11.1	1.1	110.0	
120	1	10.0	11.9	1.9	190.0	180.0
	2	10.0	11.6	1.6	160.0	
	3	10.0	11.9	1.9	190.0	
180	1	10.0	11.9	1.9	190.0	206.7
	2	10.0	12.3	2.3	230.0	
	3	10.0	12.0	2.0	200.0	
360	1	10.0	12.3	2.3	230.0	243.3
	2	10.0	12.5	2.5	250.0	
	3	10.0	12.5	2.5	250.0	

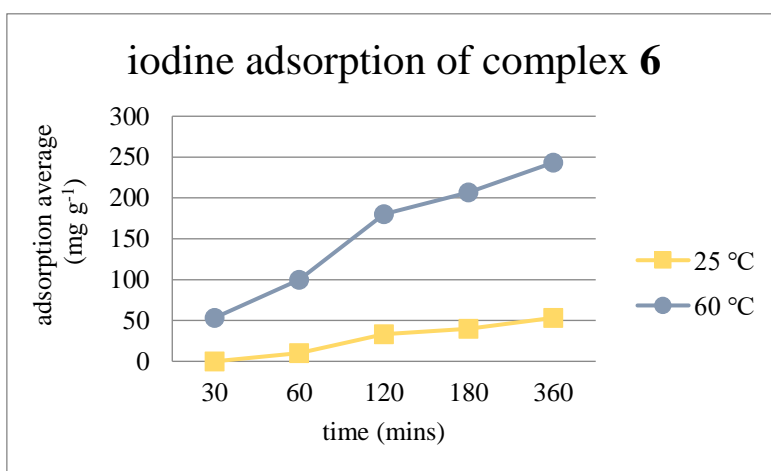


Fig. S31. PXRD patterns for **1** after iodine adsorption at 25 °C.

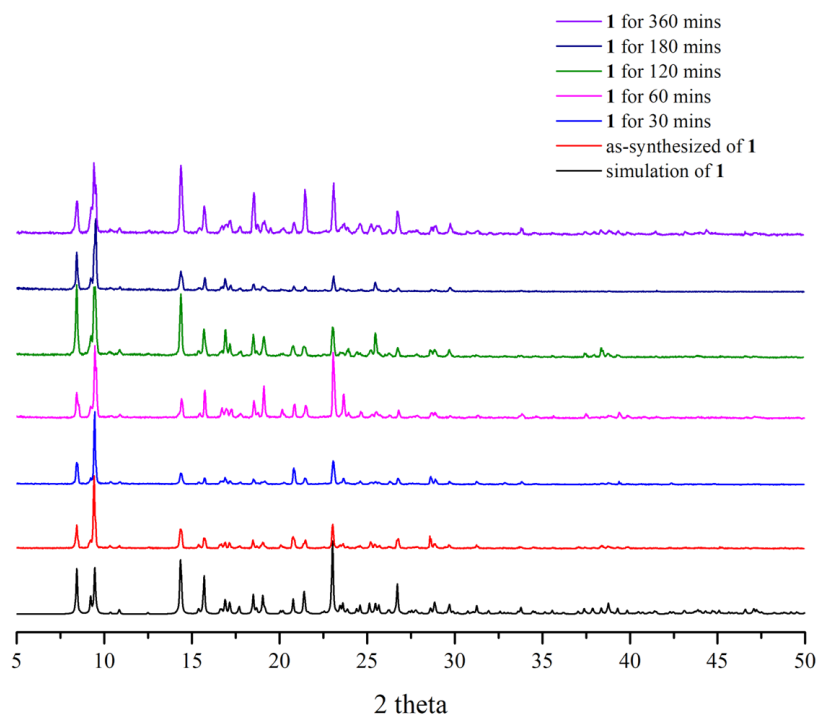


Fig. S32. PXRD patterns for **1** after iodine adsorption at 60 °C.

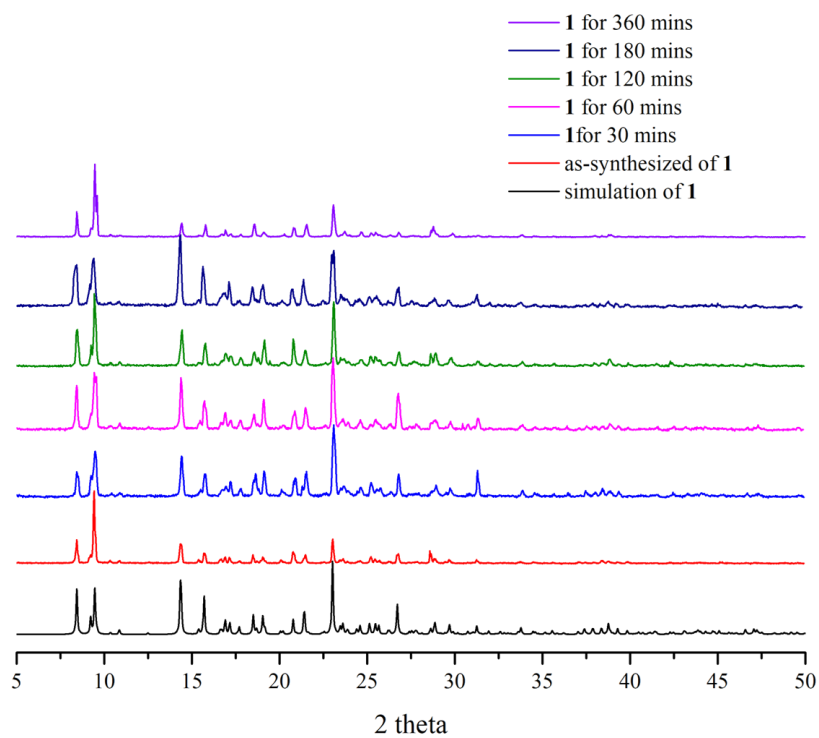


Fig. S33. PXRD patterns for **2** after iodine adsorption at 25 °C.

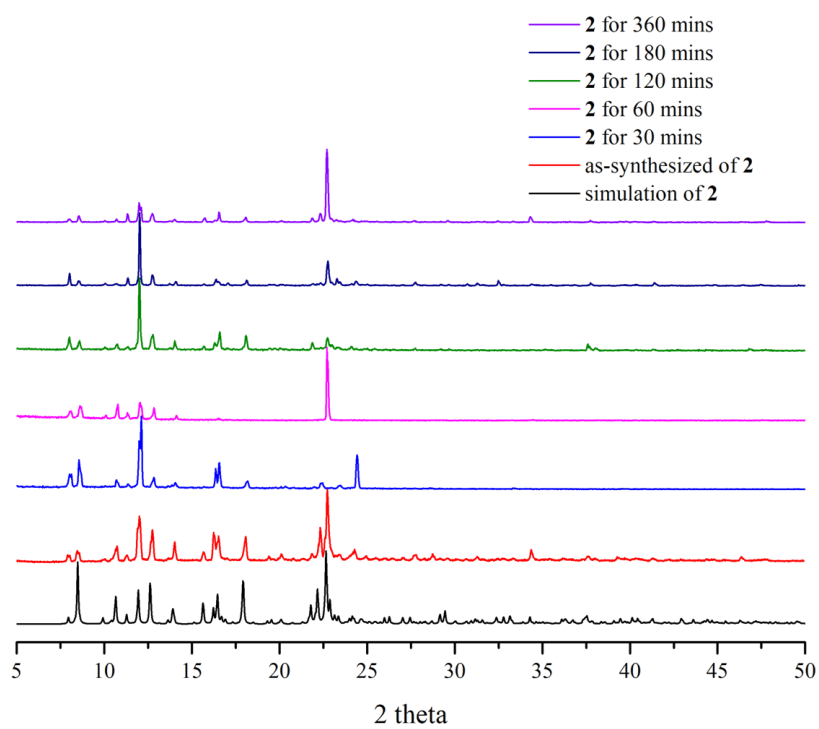


Fig. S34. PXRD patterns for **2** after iodine adsorption at 60 °C.

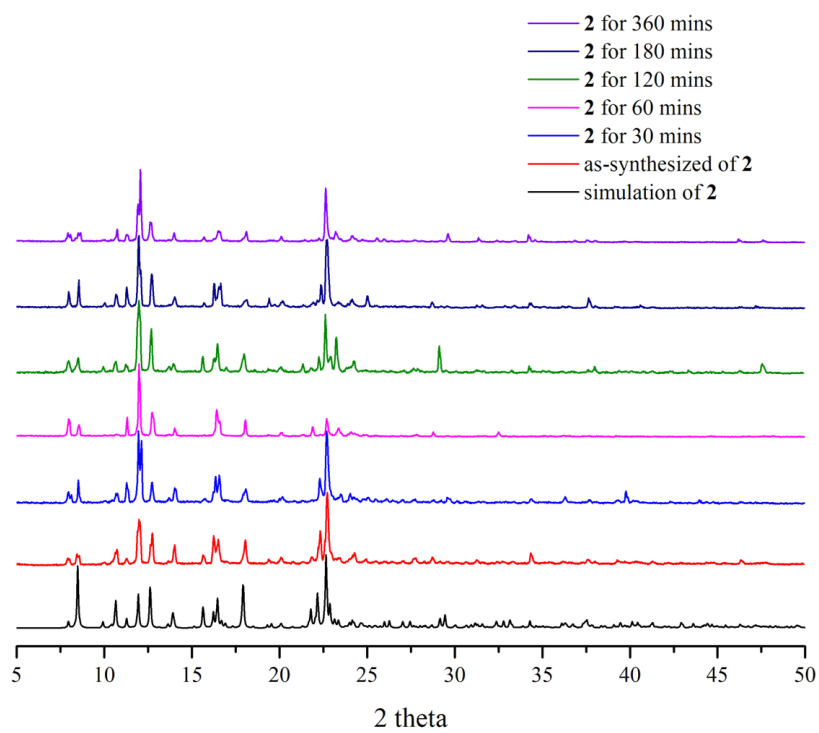


Fig. S35. PXRD patterns for **3** after iodine adsorption at 25 °C.

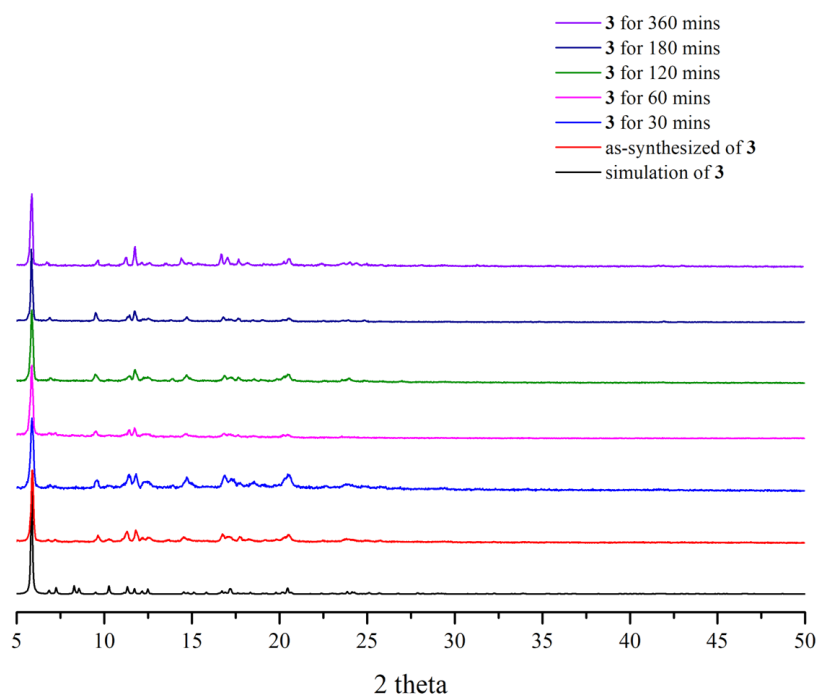


Fig. S36. PXRD patterns for **3** after iodine adsorption at 60 °C.

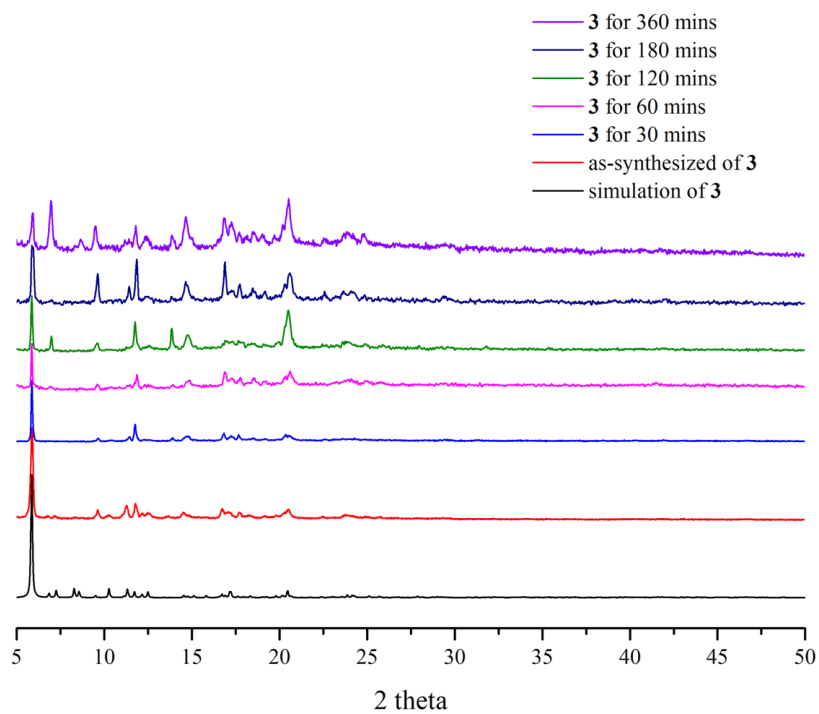


Fig. S37. PXRD patterns for **4** after iodine adsorption at 25 °C.

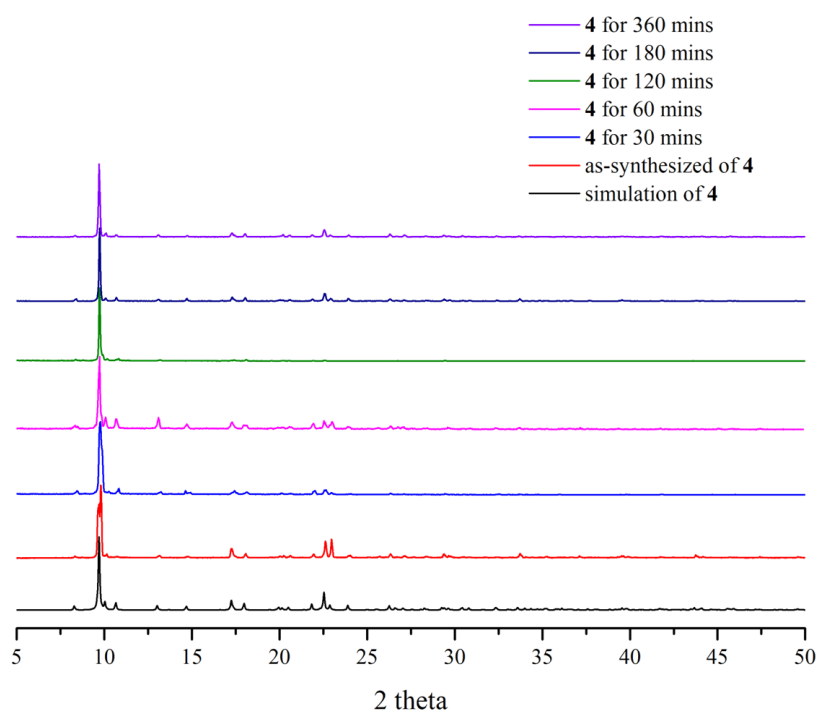


Fig. S38. PXRD patterns for **4** after iodine adsorption at 60 °C.

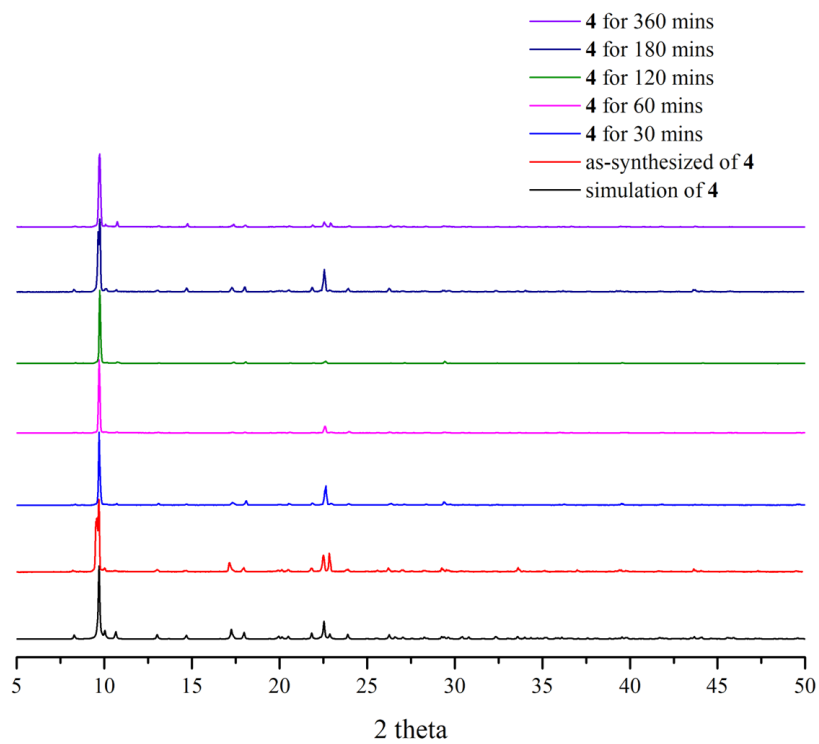


Fig. S39. PXRD patterns for **5** after iodine adsorption at 25 °C.

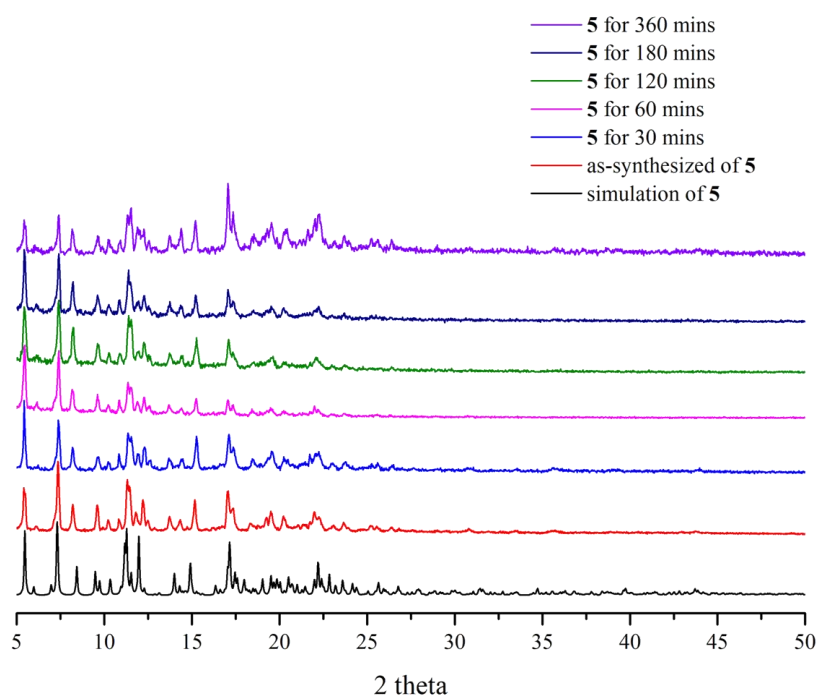


Fig. S40. PXRD patterns for **5** after iodine adsorption at 60 °C.

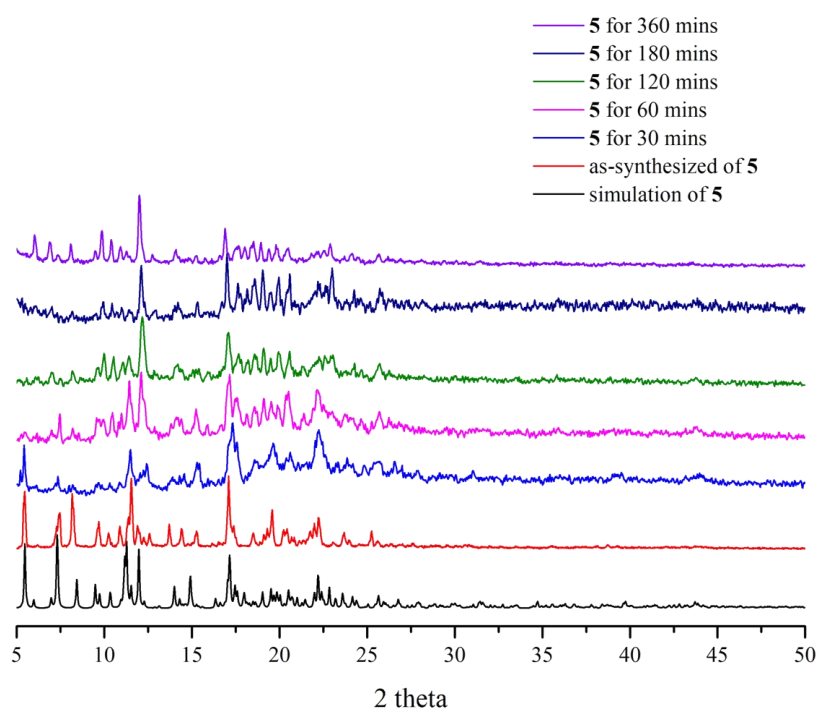


Fig. S41. PXRD patterns for **6** after iodine adsorption at 25 °C.

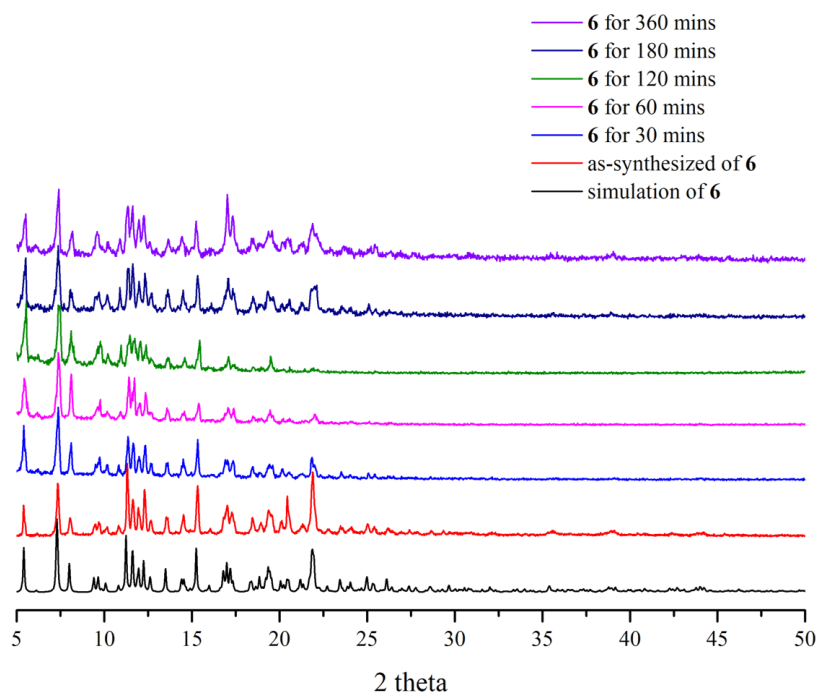


Fig. S42. PXRD patterns for **6** after iodine adsorption at 60 °C.

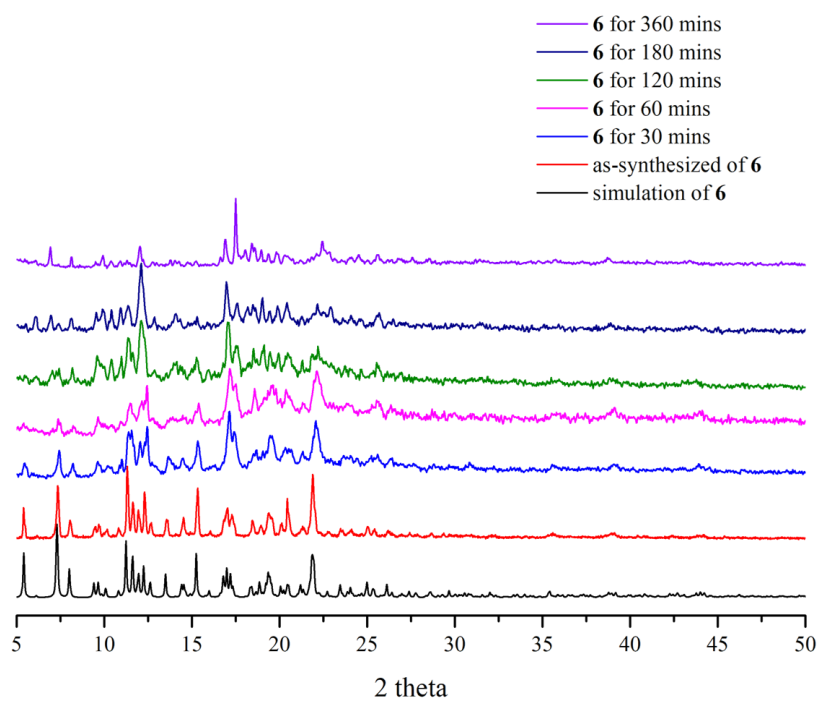
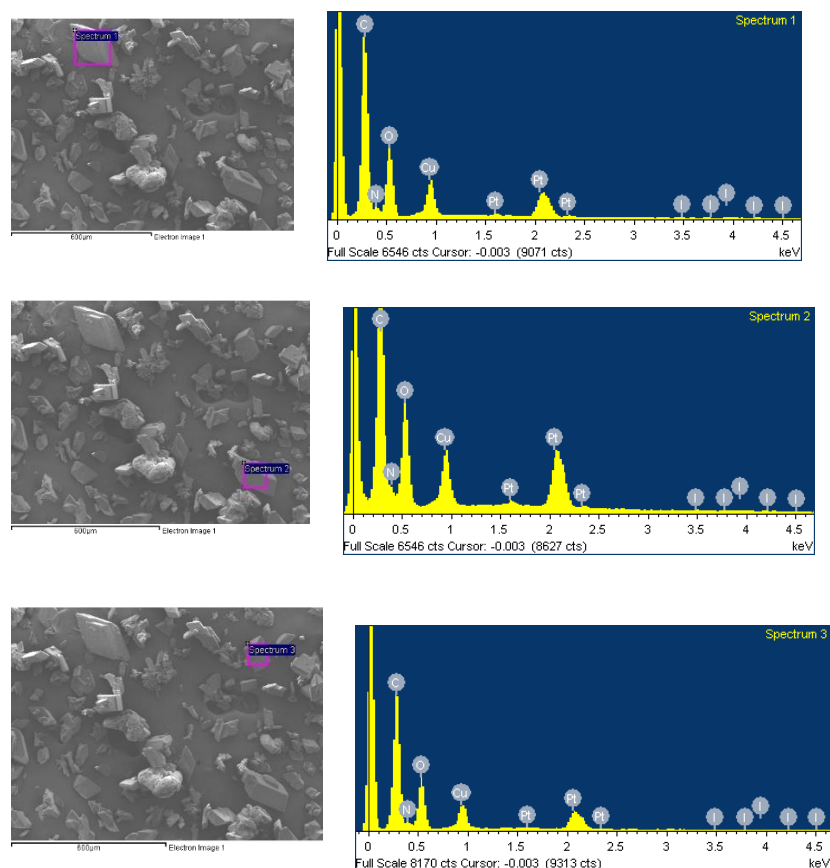


Fig. S43. EDX spectrum and data of complex **1**.



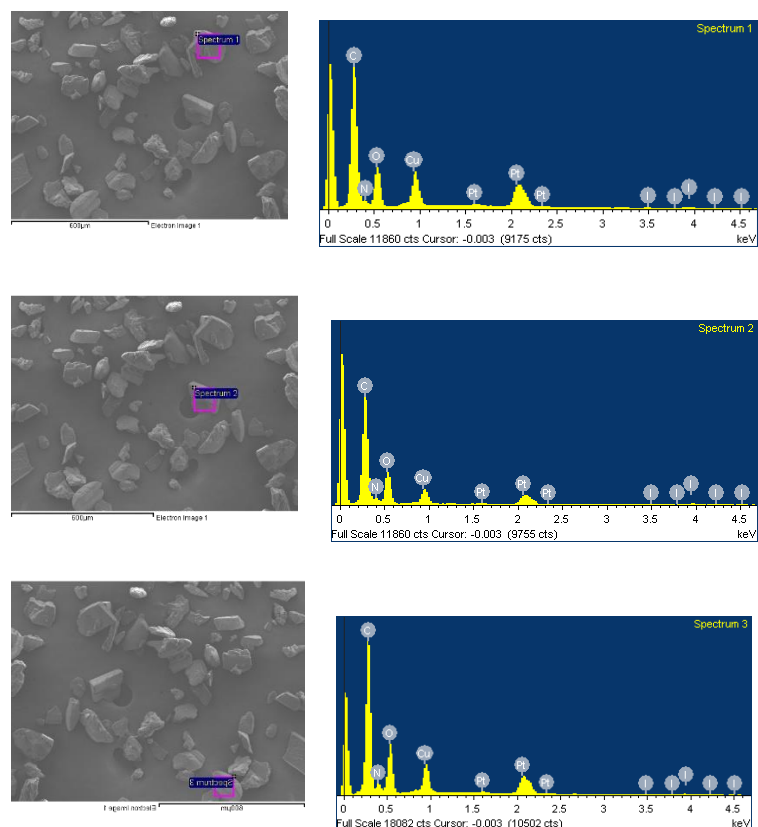
EDX data at three different positions for complex **1**.

	1st		2nd		3rd	
Element	Weight%	Atomic%	Weight%	Atomic%	Weight%	Atomic%
C K	52.76	65.02	48.48	59.19	54.73	66.59
O K	25.85	23.93	25.25	23.05	26.77	24.45
N K	7.57	8.01	13.97	14.50	5.95	6.20
Cu L	12.33	2.87	11.55	2.51	11.44	2.63
I L	1.49	0.17	0.75	0.75	1.11	0.13
Totals	100.00		100.00		100.00	

Average data

Element	Weight%	Atomic%
C K	51.99	63.60
O K	25.96	23.81
N K	9.16	9.57
Cu L	11.77	2.67
I L	1.12	0.35
Totals	100.00	

Fig. S44. EDX spectrum and data of complex **2**.



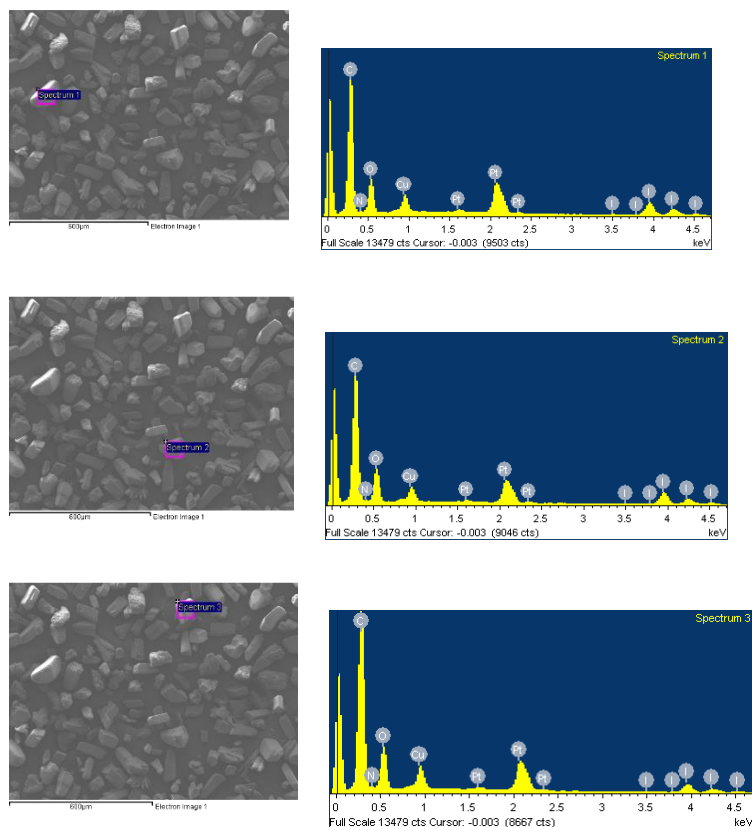
EDX data at three different positions for complex **2**.

	1st		2nd		3rd	
Element	Weight%	Atomic%	Weight%	Atomic%	Weight%	Atomic%
C K	55.27	69.73	57.34	70.61	53.18	65.46
O K	19.68	18.64	23.21	21.46	22.69	20.97
N K	7.13	7.71	4.74	5.00	9.99	10.55
Cu L	14.94	3.56	10.40	2.42	11.87	2.76
I L	2.98	0.36	4.31	0.51	2.27	0.26
Totals	100.00		100.00		100.00	

Average data

Element	Weight%	Atomic%
C K	55.26	68.60
O K	21.86	20.36
N K	7.29	7.75
Cu L	12.40	2.91
I L	3.19	0.38
Totals	100.00	

Fig. S45. EDX spectrum and data of complex **3**.



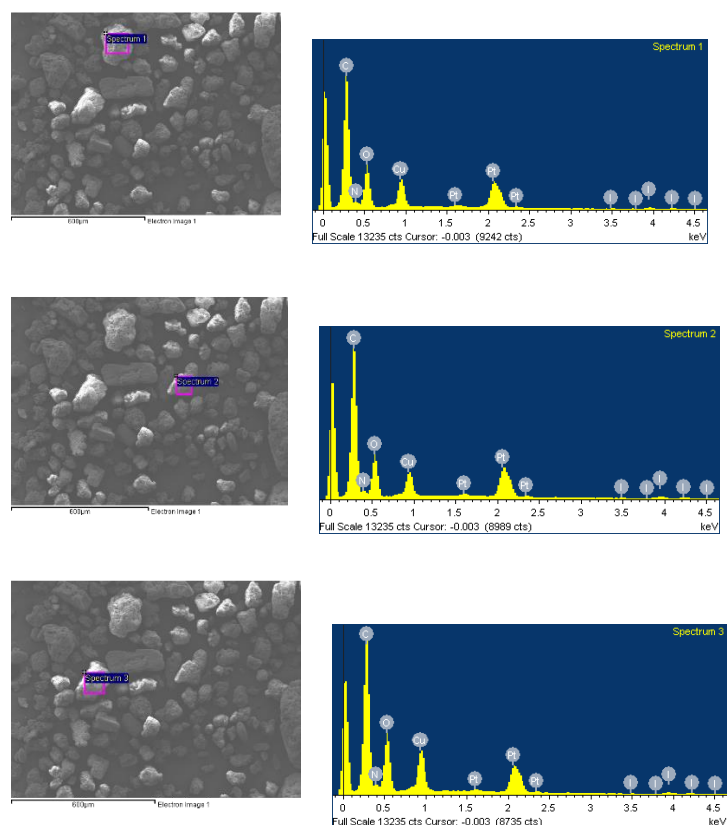
EDX data at three different positions for complex **3**.

	1st		2nd		3rd	
Element	Weight%	Atomic%	Weight%	Atomic%	Weight%	Atomic%
C K	49.91	76.29	49.98	76.91	58.72	79.11
O K	13.37	15.36	14.55	16.80	16.35	16.54
N K	1.64	2.15	0.00	0.00	0.00	0.00
Cu L	7.83	2.26	7.69	2.24	9.18	2.34
I L	27.25	3.94	27.78	4.05	15.75	2.01
Totals	100.00		100.00		100.00	

Average data

Element	Weight%	Atomic%
C K	52.87	77.44
O K	14.76	16.23
N K	0.55	0.72
Cu L	8.23	2.28
I L	23.59	3.33
Totals	100.00	

Fig. S46. EDX spectrum and data of complex 4.



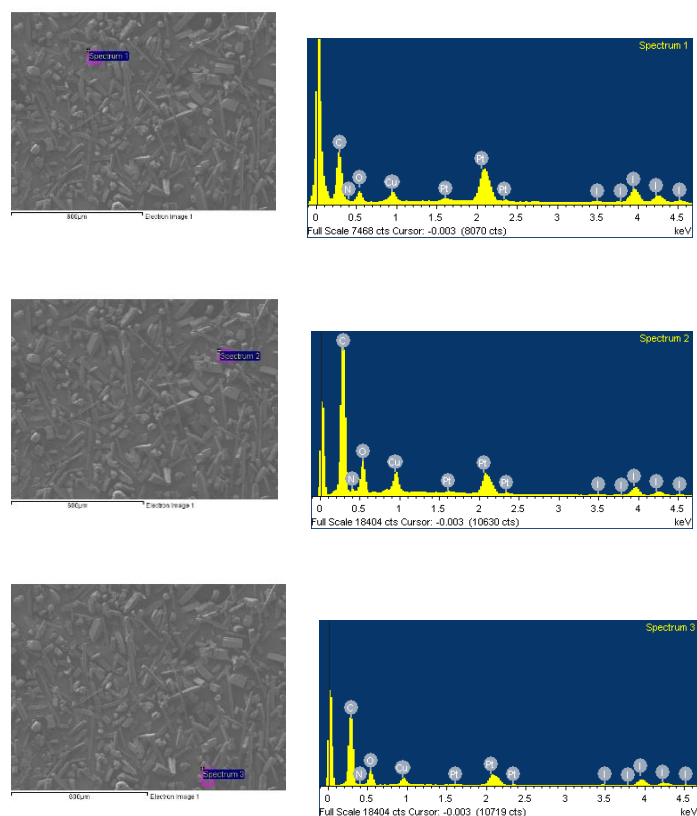
EDX data at three different positions for complex 4.

	1st		2nd		3rd	
Element	Weight%	Atomic%	Weight%	Atomic%	Weight%	Atomic%
C K	54.74	68.61	58.82	72.46	52.58	66.57
O K	21.44	20.18	20.98	19.40	23.05	21.92
N K	7.19	7.73	4.82	5.08	7.07	7.66
Cu L	12.73	3.01	10.88	2.53	14.80	3.55
I L	3.90	0.47	4.50	0.53	2.50	0.30
Totals	100.00		100.00		100.00	

Average data

Element	Weight%	Atomic%
C K	55.38	69.21
O K	21.82	20.50
N K	6.36	6.82
Cu L	12.80	3.03
I L	3.64	0.434
Totals	100.00	

Fig. S47. EDX spectrum and data of complex **5**.



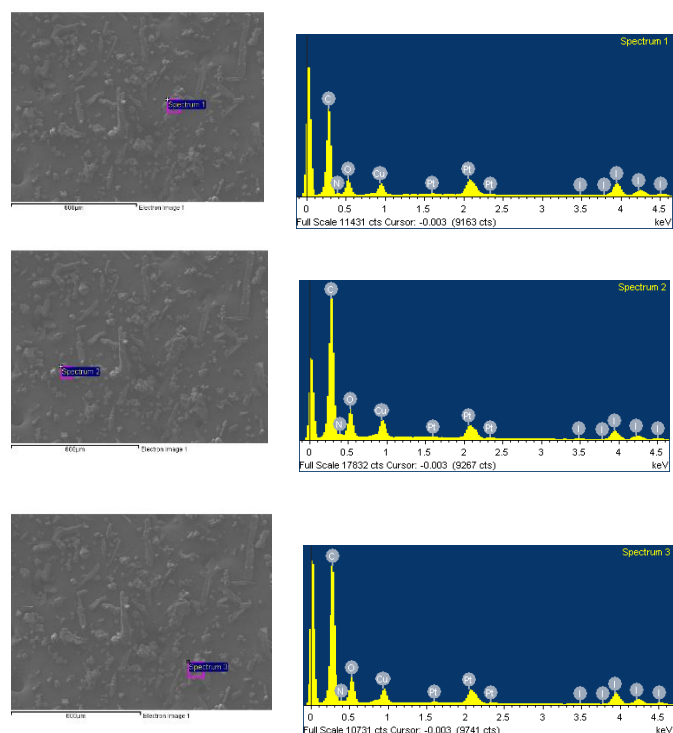
EDX data at three different positions for complex **5.**

	1st		2nd		3rd	
Element	Weight%	Atomic%	Weight%	Atomic%	Weight%	Atomic%
C K	35.28	67.64	54.46	77.07	51.25	79.71
O K	7.36	11.26	13.67	14.5	11.91	13.89
N K	6.85	10.59	2.69	3.25	0.00	0.00
Cu L	7.44	2.69	9.28	2.49	6.65	1.95
I L	43.07	7.82	19.90	2.67	30.19	4.45
Totals	100.00		100.00		100.00	

Average data

Element	Weight%	Atomic%
C K	47.00	74.81
O K	10.98	13.22
N K	3.18	4.61
Cu L	7.79	2.38
I L	31.05	4.98
Totals	100.00	

Fig. S48. EDX spectrum and data of complex **6**.



EDX data at three different positions for complex **6.**

	1st		2nd		3rd	
Element	Weight%	Atomic%	Weight%	Atomic%	Weight%	Atomic%
C K	45.95	79.62	55.97	80.19	52.40	80.24
O K	9.01	11.72	13.44	14.46	11.74	13.49
Cu L	7.80	2.55	8.92	2.41	7.44	2.15
I L	37.24	6.11	21.67	2.94	28.42	4.12
Totals	100.00		100.00		100.00	

Average data

Element	Weight%	Atomic%
C K	51.44	80.02
O K	11.40	13.223
Cu L	8.05	2.37
I L	29.11	4.39
Totals	100.00	

Fig. S49. PXRD patterns of complex **1** heated at 120 °C for 24 h.

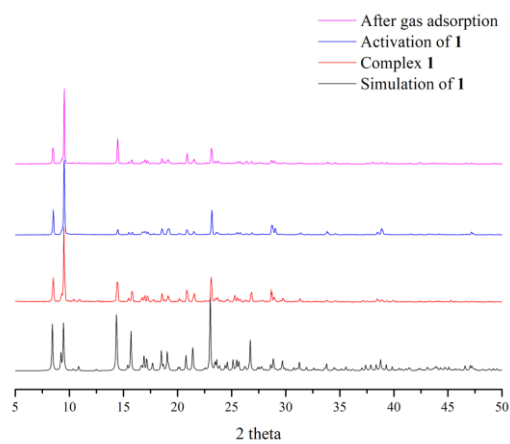


Fig. S50. PXRD patterns of complex **2** heated at 120 °C for 24 h.

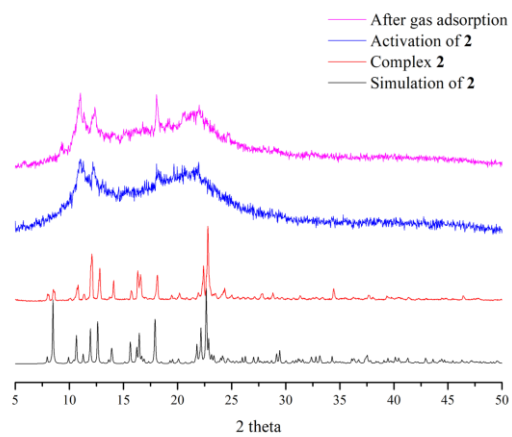


Fig. S51. PXRD patterns of complex **3** heated at 120 °C for 24 h.

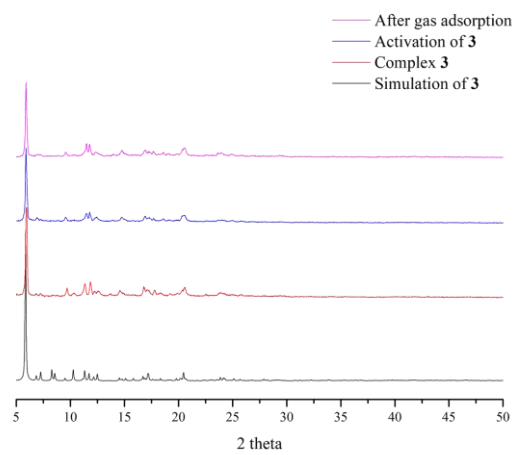


Fig. S52. PXRD patterns of complex **4** heated at 120 °C for 24 h.

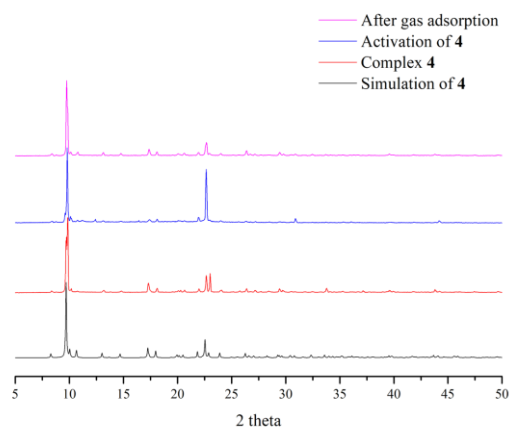


Fig. S53. PXRD patterns of complex **5** heated at 120 °C for 24 h.

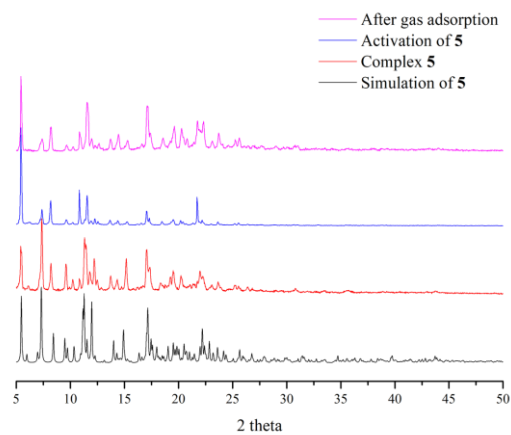


Fig. S54. PXRD patterns of complex **6** heated at 120 °C for 24 h.

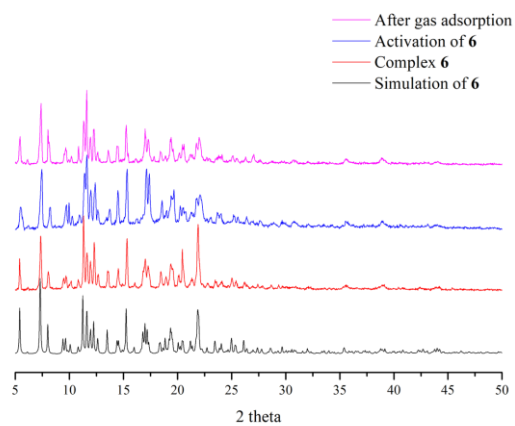


Fig. S55. N₂ adsorption–desorption isotherms for complex **1** at 77 K.

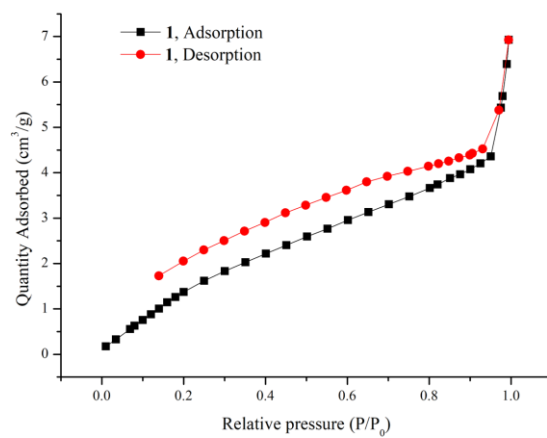


Fig. S56. N₂ adsorption–desorption isotherms for complex **2** at 77 K.

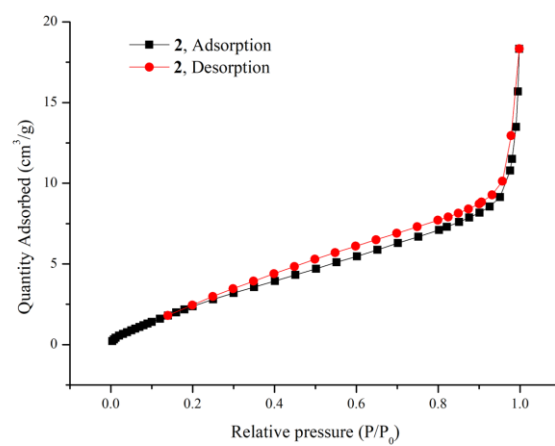


Fig. S57. N₂ adsorption–desorption isotherms for complex **3** at 77 K.

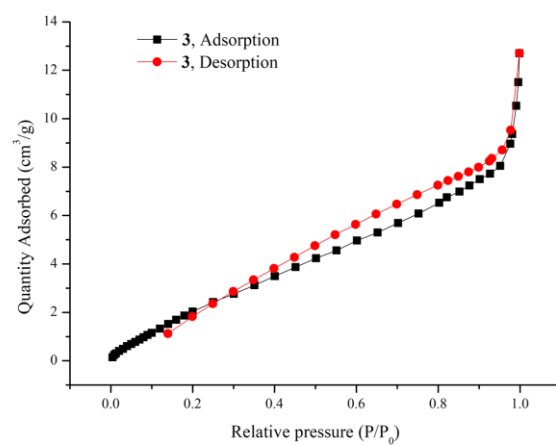


Fig. S58. N₂ adsorption–desorption isotherms for complex **4** at 77 K.

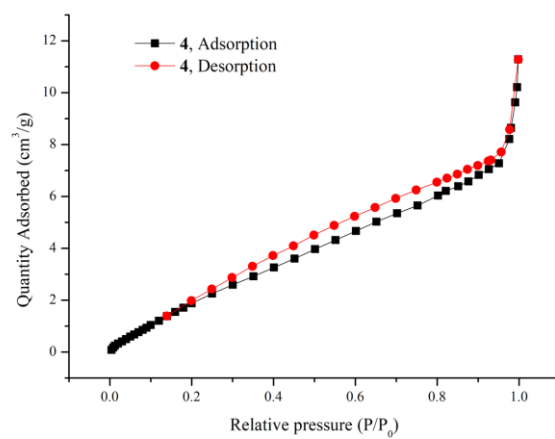


Fig. S59. N₂ adsorption–desorption isotherms for complex **5** at 77 K.

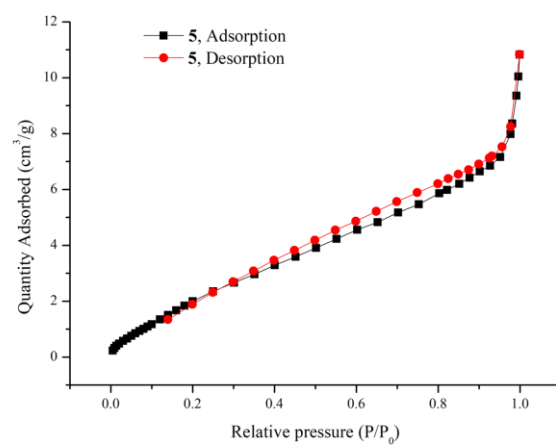


Fig. S60. N₂ adsorption–desorption isotherms for complex **6** at 77 K.

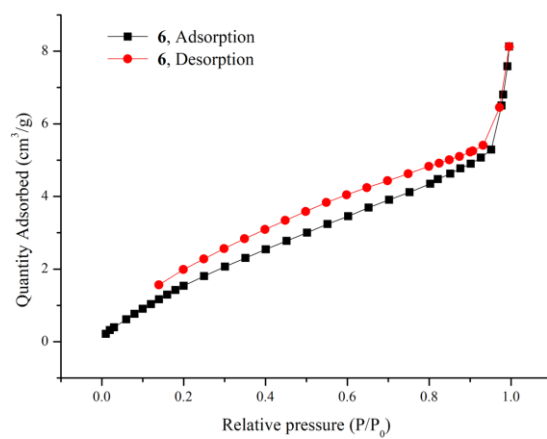


Fig. S61. Pore-size distribution curve for complex 1.

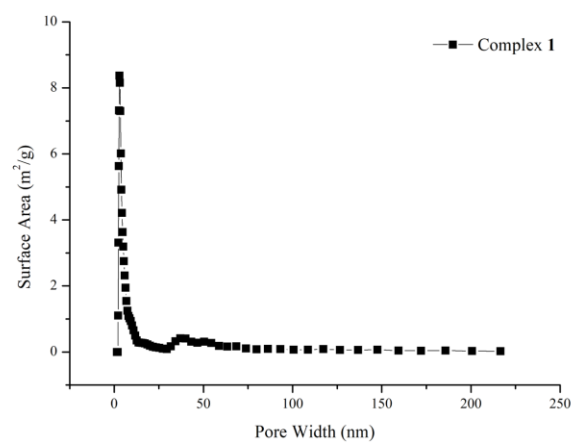


Fig. S62. Pore-size distribution curve for complex 2.

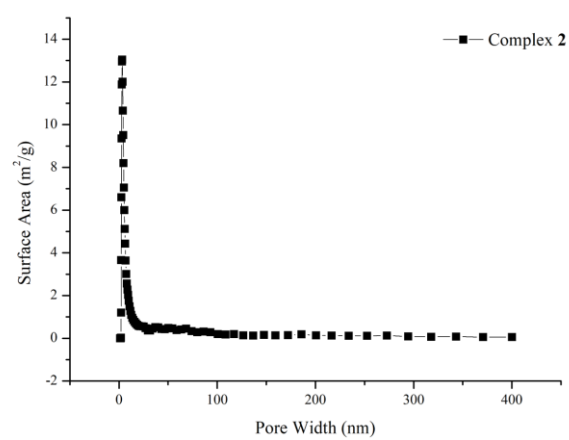


Fig. S63. Pore-size distribution curve for complex **3**.

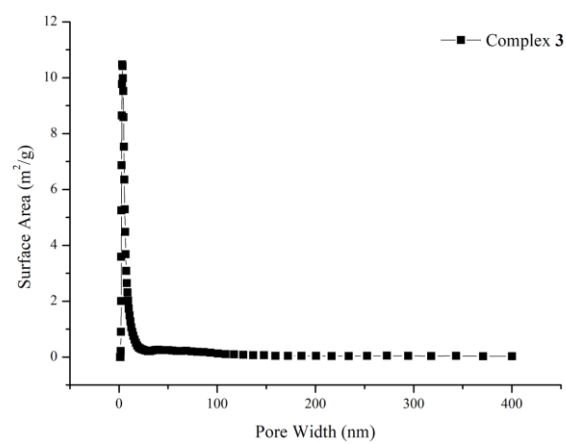


Fig. S64. Pore-size distribution curve for complex 4.

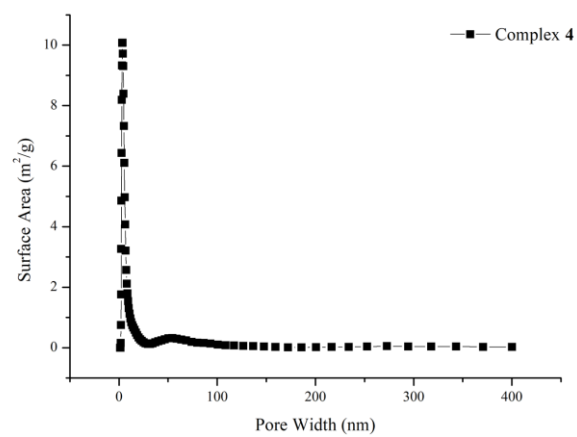


Fig. S65. Pore-size distribution curve for complex **5**.

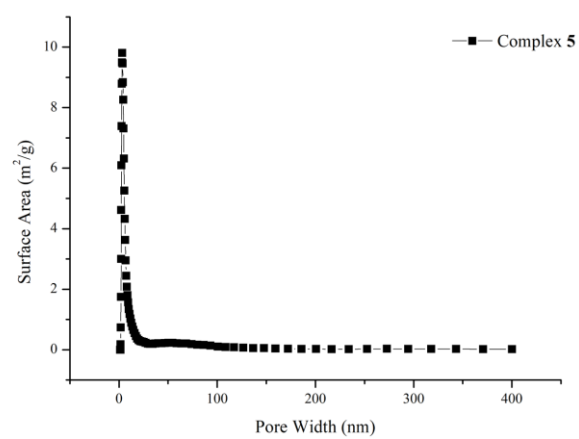


Fig. S66. Pore-size distribution curve for complex **6**.

