Supporting Information for CrystEngComm

Reactant Ratio-Modulated Three Entangled Cd(II) Coordination Polymers Based on Rigid Tripodal Imidazole Ligand and Tetrabromoterephthalic Acid: Interpenetration, Interdigitation and Self-penetration

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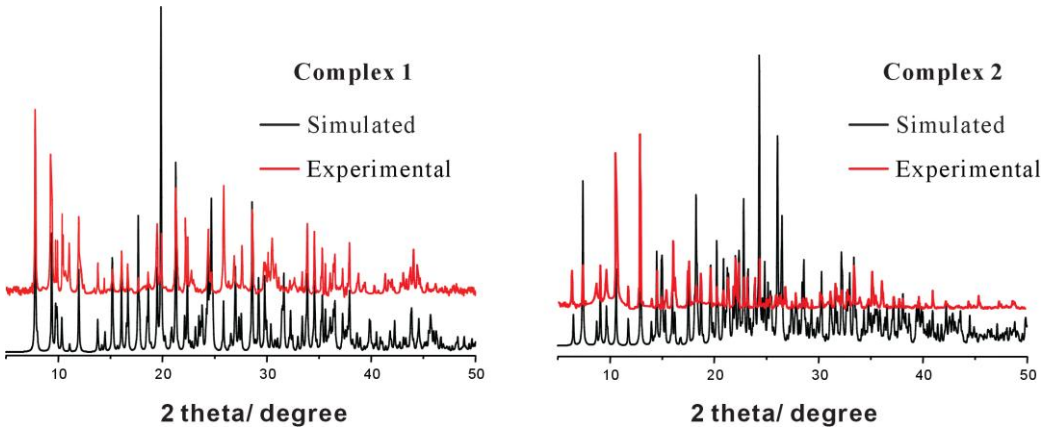
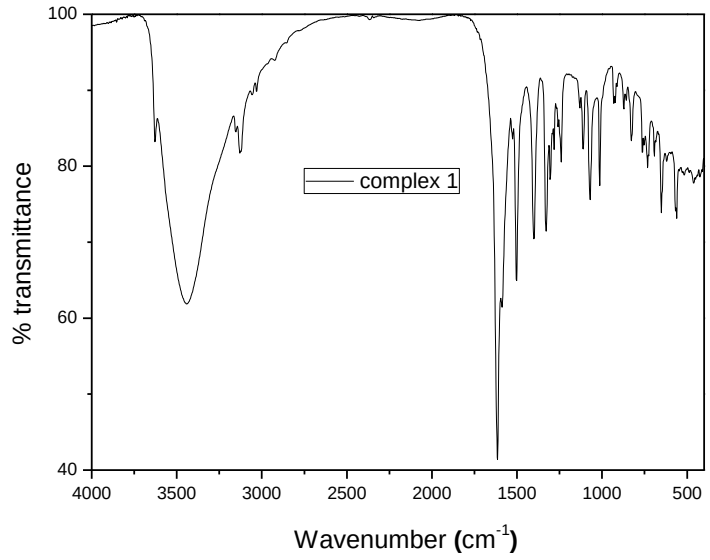
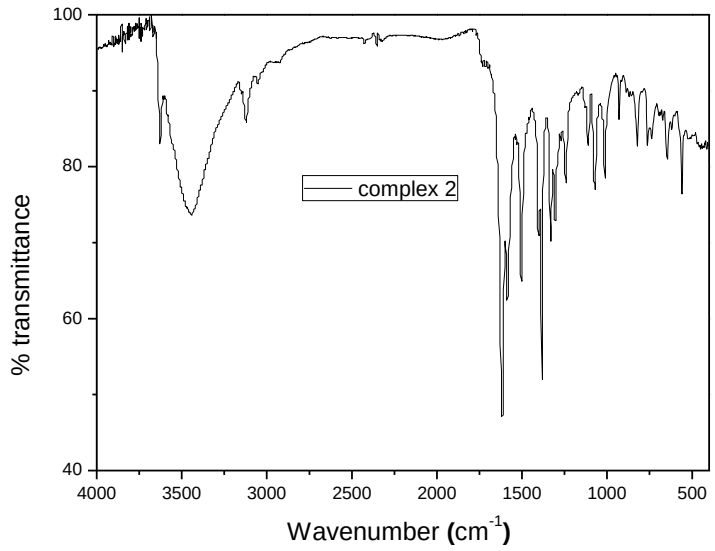
Content

(1) Figure S1: PXRD patterns of 1 and 2



(2) Figure S2: IR spectra of 1 and 2





(3) Table S1 The hydrogen bond geometries for **1**-**2**.

Complex **1**					
D—H···A	D—H	H···*A*	*D*···*A*		*D*—H···*A*
O1W—H1WB···O3^{iv}	0.85	2.47	2.777	(5)	102.4
O1W—H1WA···O1	0.85	1.92	2.675	(5)	147.5
Symmetry code: (iv) −*x*+1, −*y*, −*z*.					
Complex **2**					
O6—H6···O9^{ii}	0.82	1.71	2.514	(8)	167.1
O10—H10A···O8	0.82	2.02	2.675	(7)	137.0
N4—H4···O7^{iii}	0.86	1.84	2.696	(6)	173.0
O9—H9A···O10	0.82	1.85	2.639	(9)	160.3
Symmetry codes: (ii) −*x*+1, −*y*, −*z*+1; (iii) *x*−1, *y*+1, *z*.					