

The factors affecting on the assembly of Ag–H₂biim System: Size, Charge or Shape of Polyanions?

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Table S1 Selected bond lengths (Å) and angles (°) of the compounds 1–4.

Compound 1			
Ag-O	2.249(15)	N-Ag-N	81.7(6)–176.3(7)
Ag-N	1.996(16)–2.027(15)	N-Ag-O	83.3(6)–100.2(6)
Compound 2			
Ag-O	2.75(3)	Ag-Ag-Ag	85.85(14)–148.58(14)
Ag-N	1.97(3)–2.33(2)	N-Ag-Ag	68.9(6)–154.6(6)
Ag-Ag	2.693(6)–3.064(4)	N-Ag-N	107.9(8)–130.8(8)
N-Ag-O	86.9(7)	O-Ag-Ag	69.5(5)–157.9(5)
Compound 3			
Ag-O	2.709(19)	N-Ag-Ag	68.9(5)–154.4(5)
Ag-N	2.12(2)–2.34(2)	Ag-Ag-Ag	86.28(13)–147.92(13)
Ag-Ag	2.682(5)–3.054(3)	N-Ag-N	107.4(8)–131.0(7)
N-Ag-O	86.7(6)	O-Ag-Ag	69.3(5)–157.8(5)
Compound 4			
Ag-O	2.540(15)	N-Ag-N	155.7(8)–178.1(7)
Ag-N	2.052(19)–2.15(2)	N-Ag-O	88.8(6)–93.1(6)
Ag-Ag	2.923(3)–3.374(3)	O-Ag-Ag	79.4(4)–137.7(4)
Ag-Ag-Ag	54.86(7)–167.17(12)	N-Ag-Ag	70.2(6)–119.9(6)

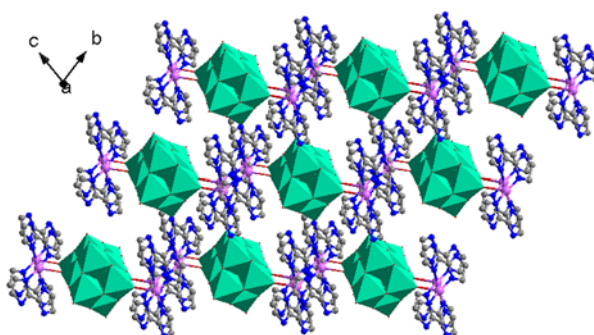


Fig. S1 The 3D supramolecular structure of compound 1.

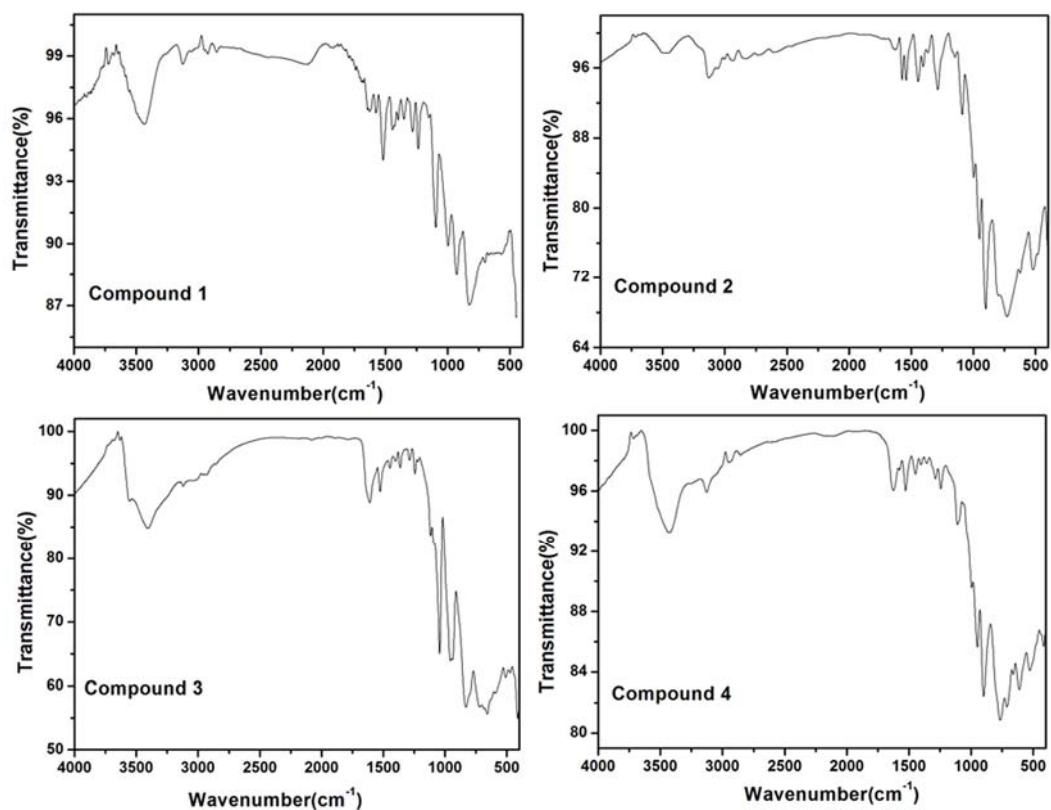


Fig. S2 IR spectra of compound 1–4.

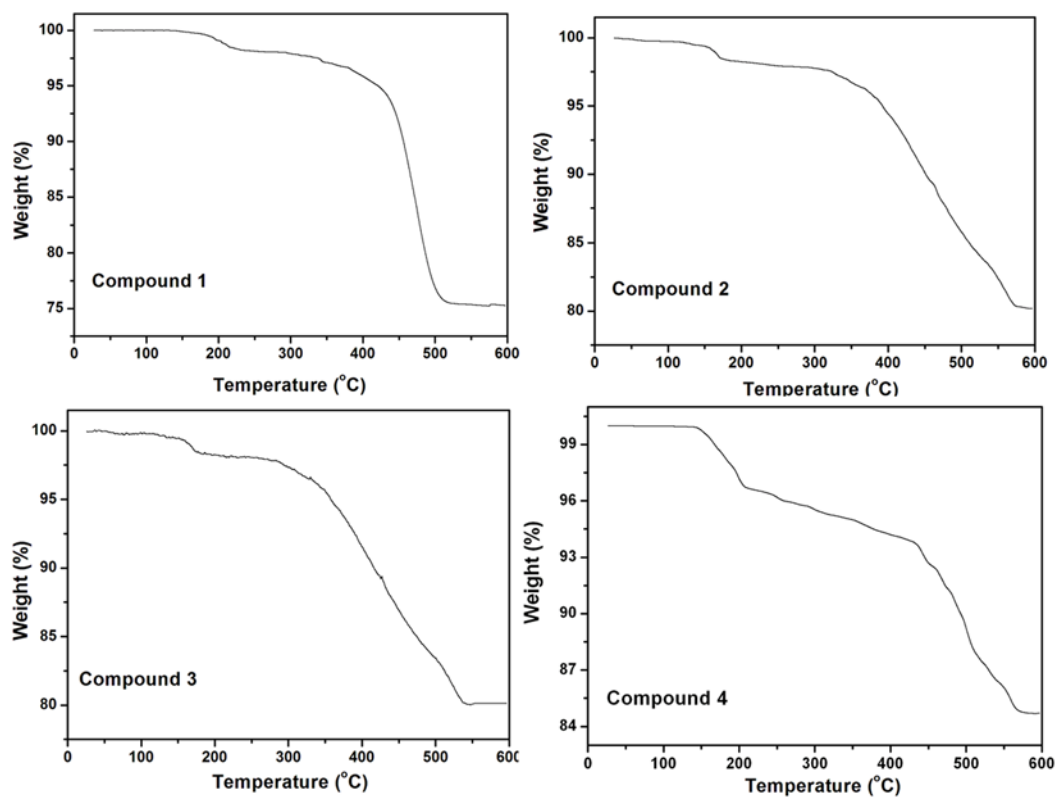


Fig. S3 TG curves of compound 1–4.

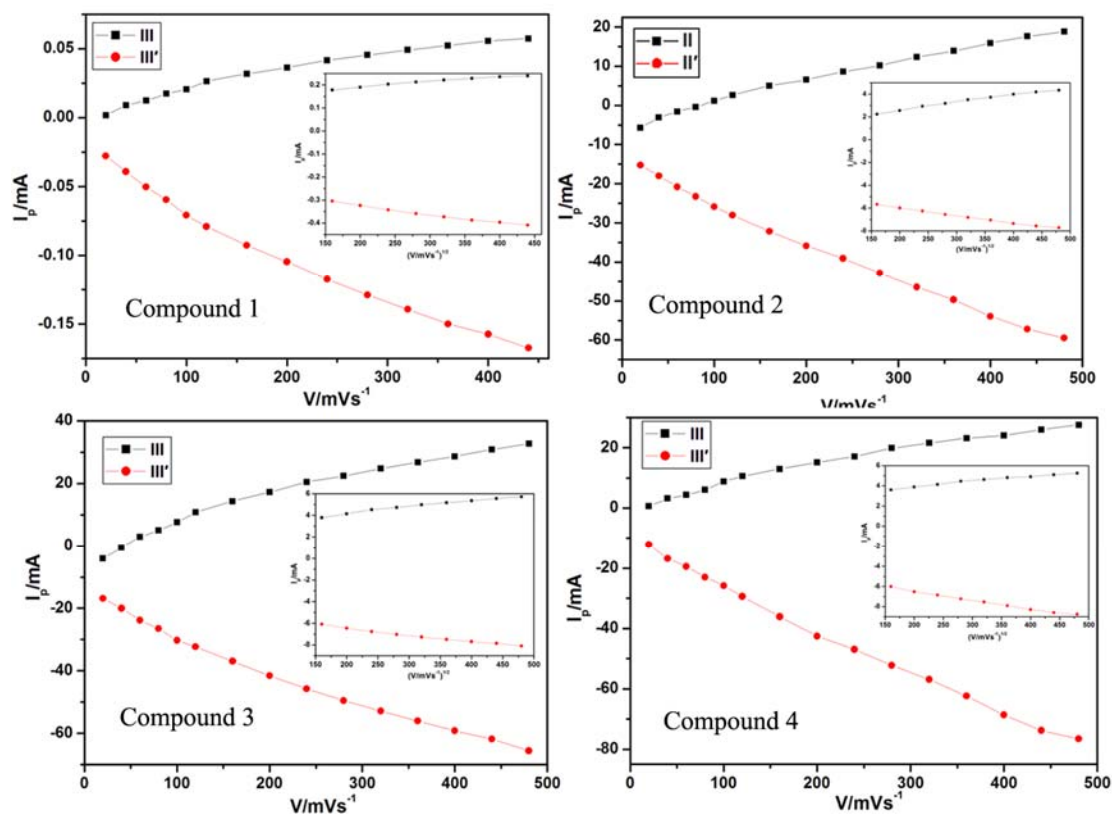


Fig. S4 The dependence of anodic peak and cathodic peak currents on scan rates for compounds 1–4. The inset shows the peak currents are proportional to the square root of the scan rates higher than $120 \text{ mV}\cdot\text{s}^{-1}$.