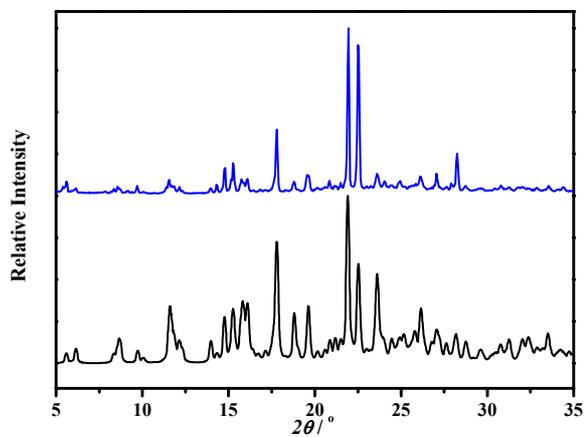
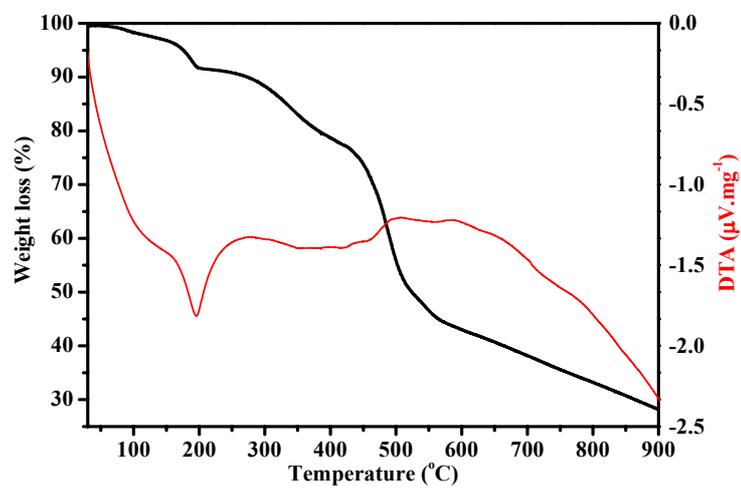


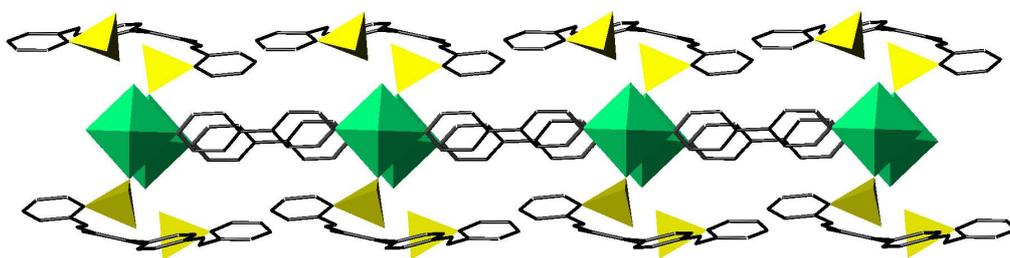
## Supporting Information



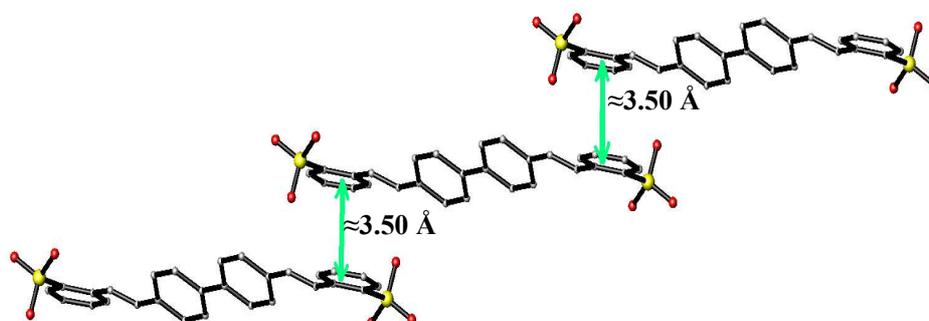
**Fig S1** XRD patterns of experimental (blue line) and that of simulated from single crystal data (black line).



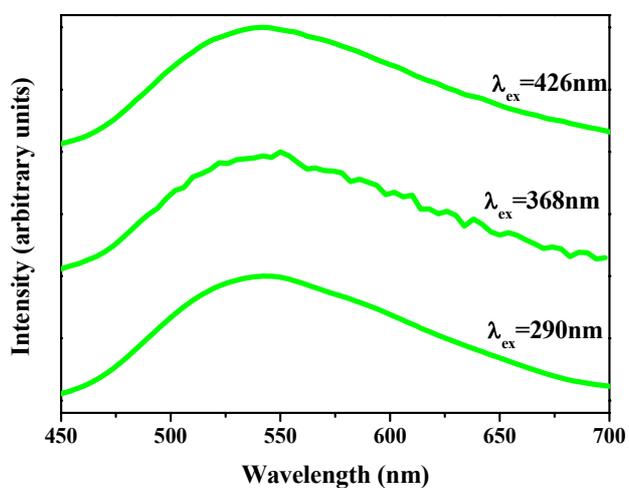
**Fig. S2** TGA (black line) and DTA (red line) curves of **1**.



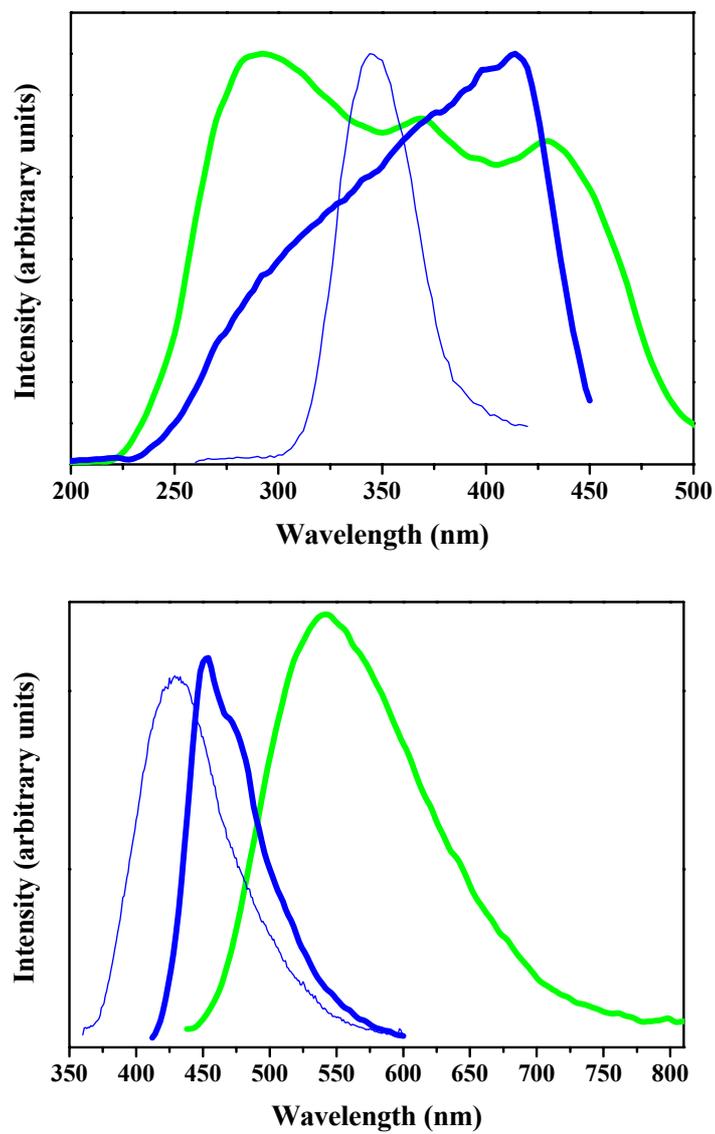
**Fig. S3** Polyhedral view of the neutral chain of **1**. Green octahedron:  $[\text{Zn1N}_3\text{O}_3]$ , yellow tetrahedron:  $[\text{CSO}_3]$ . Hydrogen atoms are omitted for clarity.



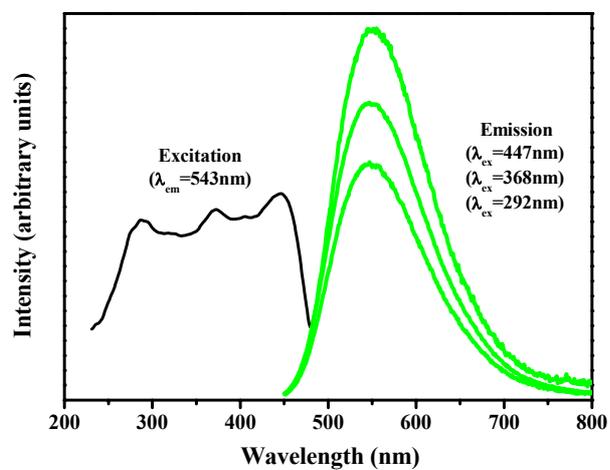
**Fig. S4** View of the  $\pi$ - $\pi^*$  stacking interactions of the ionic chain. S, O and C atoms are represented with yellow, red and gray colours, respectively.



**Fig S5** Emission spectra with excited at 290, 368 and 426nm.



**Fig. S6** Solid-state excitation (top) and emission (bottom) spectrum for **1** (green), Na<sub>2</sub>L (thick blue) and 4,4'-bipy (thin blue).



**Fig. S7** Solid-state excitation (black line) and emission (green line) spectrum for dehydration of **1**.