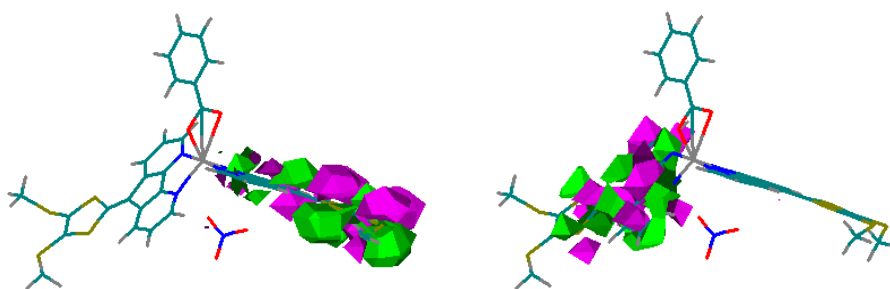


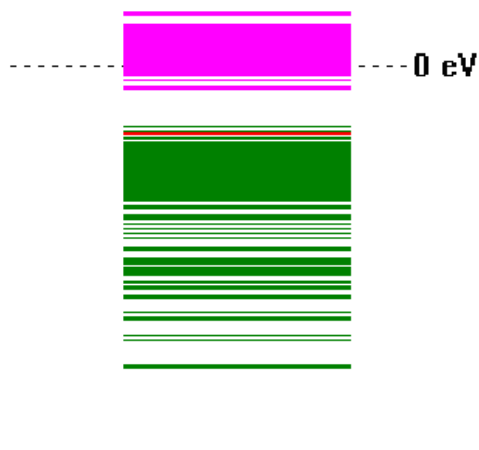
Supporting Information for:

**Anion-Dependent Crystallization of Zinc Complexes with Ligand
4',5'-Diaza-9'-(4,5-Disubstituted-1,3-Dithiol-2-Ylidene) Fluorene:
Structures and Spectroscopic Properties**

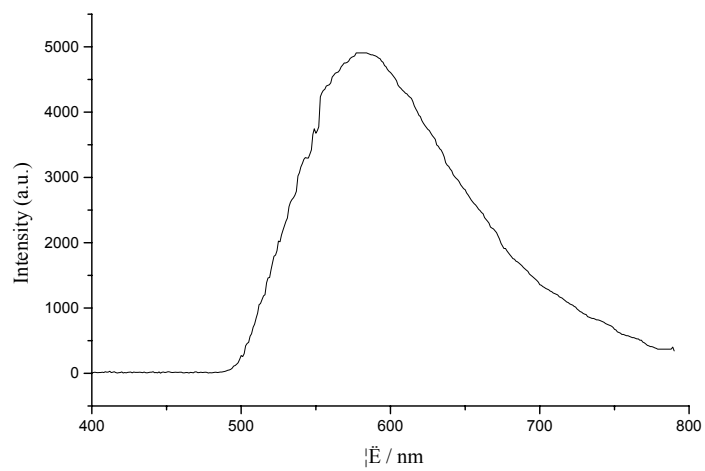
Qin-Yu Zhu,* Lei Yu, Yu-Rong Qin, Li-Bin Huo, Ming-Yan Shao and Jie Dai*



SI-Fig. 1. Calculated atomic orbital population for the HOMO (left) and LUMO (right) of **2**



SI-Fig. 2. Calculated energy level of **2**



SI-Fig. 3. Emission spectra of the complex **6** (upon excitation at 330 nm) in dichloromethane solution at room temperature.