Electronic Supplementary Material (ESI) for RSC Advances.

Synthesis, structure, and calf-thymus DNA binding of ternary fleroxacin–Cu(II) complexes

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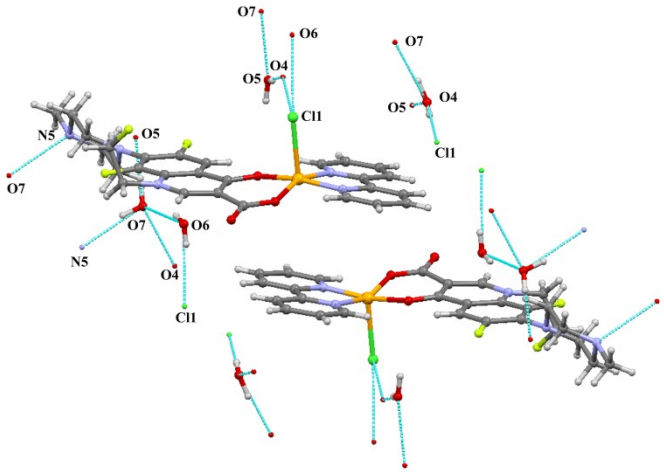

Fig. S1. Hydrogen bonds diagram of the complex1.

Table S1

Hydrogen bonds for complex1.

D–H···A	d(D-H)	d(H..A)	d(D..A)	<DHA
O5-H5A-F3^{i}	0.850	2.293	3.127	166.75
O5-H5B-O4	0.850	1.813	2.660	174.66
O6-H6A-Cl1^{ii}	0.805	2.464	3.264	172.63
O6-H6B-O7^{iii}	0.831	2.100	2.898	160.89
O4-H4A-C11	0.795	2.426	3.209	168.76
O4-H4B-O7^{iv}	0.913	1.958	2.838	161.56
O7-H7A-O5^{v}	0.850	1.983	2.820	168.44
O7-H7B-N5	0.850	2.032	2.864	166.17

(i) *x+1, y, z*； (ii) *x, y-1, z*； (iii) *-x+2, -y, -z*; (iv) *-x+2, -y+1, -z*; (v) *x, y-1, z*.

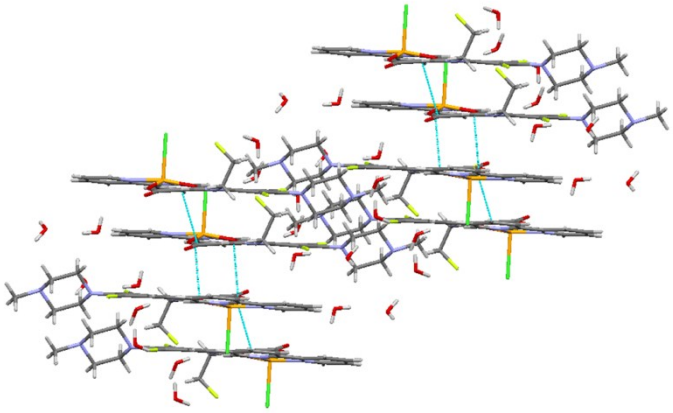

Fig. S2. π–π stacking interactions between neighbouring bipy and flrx.

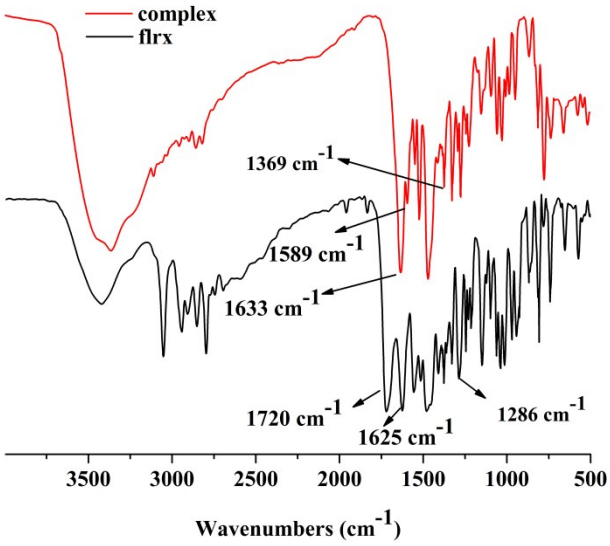

Fig. S3. FTIR spectra of flrx and the complex1.

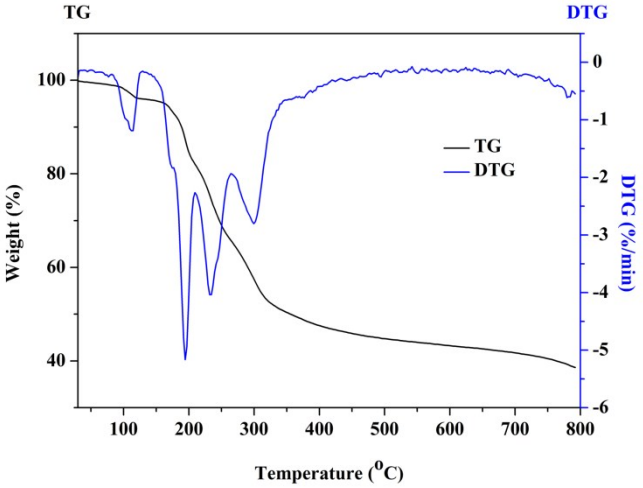

Fig. S4. TG and DTG curves of complex1.

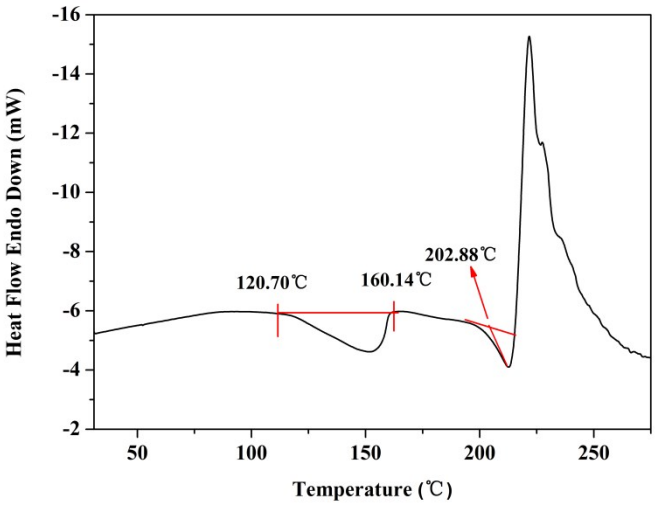

Fig. S5. DSC curve of complex1.