

Supporting information for

Synthesis and chemosensory properties of two-arm truxene-functionalized conjugated polyfluorene containing terpyridine moiety

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Table of Contents

- 1. ^1H NMR spectra of M1 and P1**
- 2. ^{13}C NMR spectra of intermediates 1 and 5**
- 3. FABMS spectra of intermediate 1 and monomer M1**
- 4. Cyclic voltammogram of P1**
- 5. Typical optimized structure, HOMO, and LUMO**

1. ^1H NMR spectra of M1 and P1

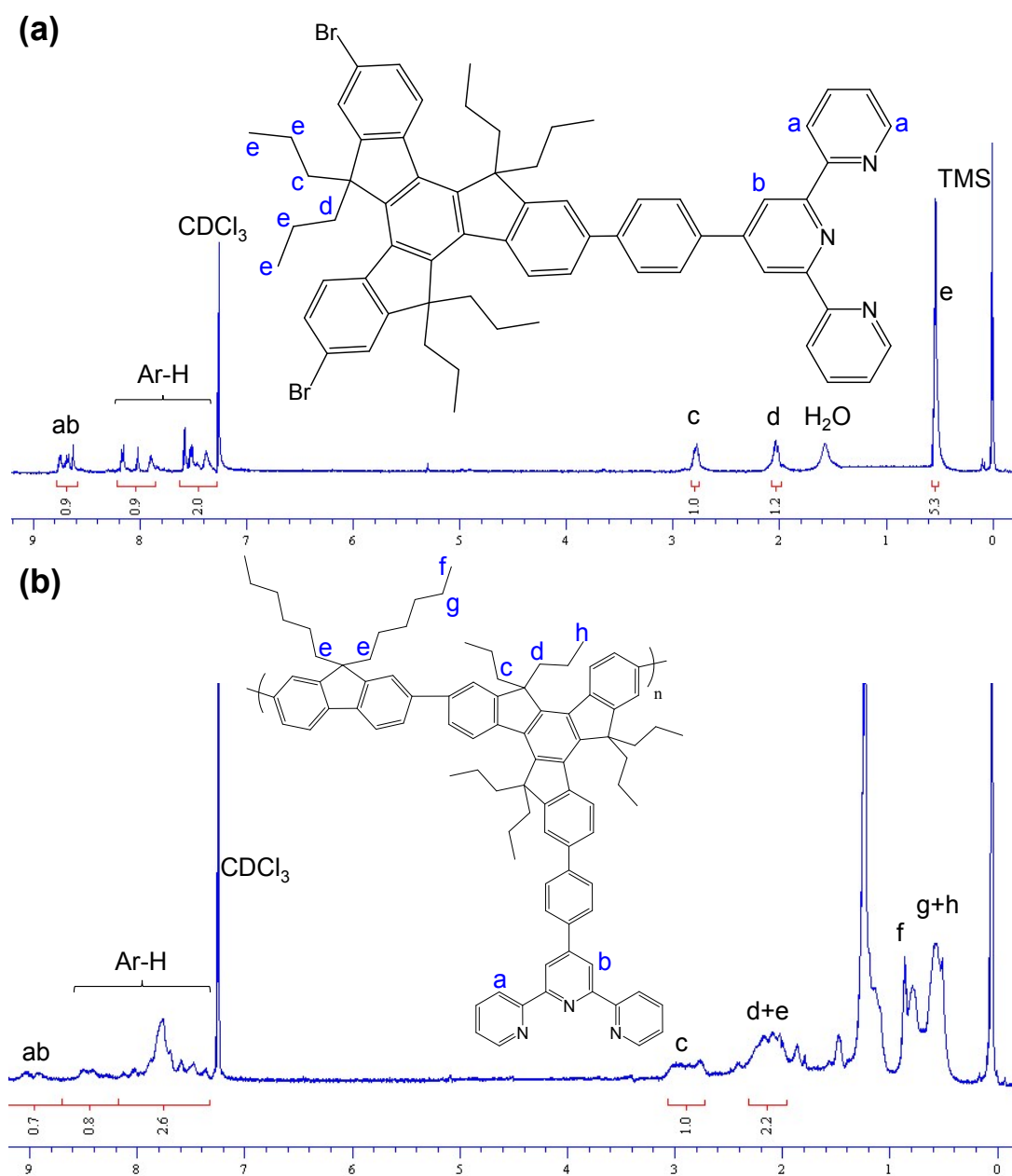


Fig. S1 ^1H NMR spectra of (a) M1 and (b) P1.

2. ^{13}C NMR spectra of intermediates 1 and 5

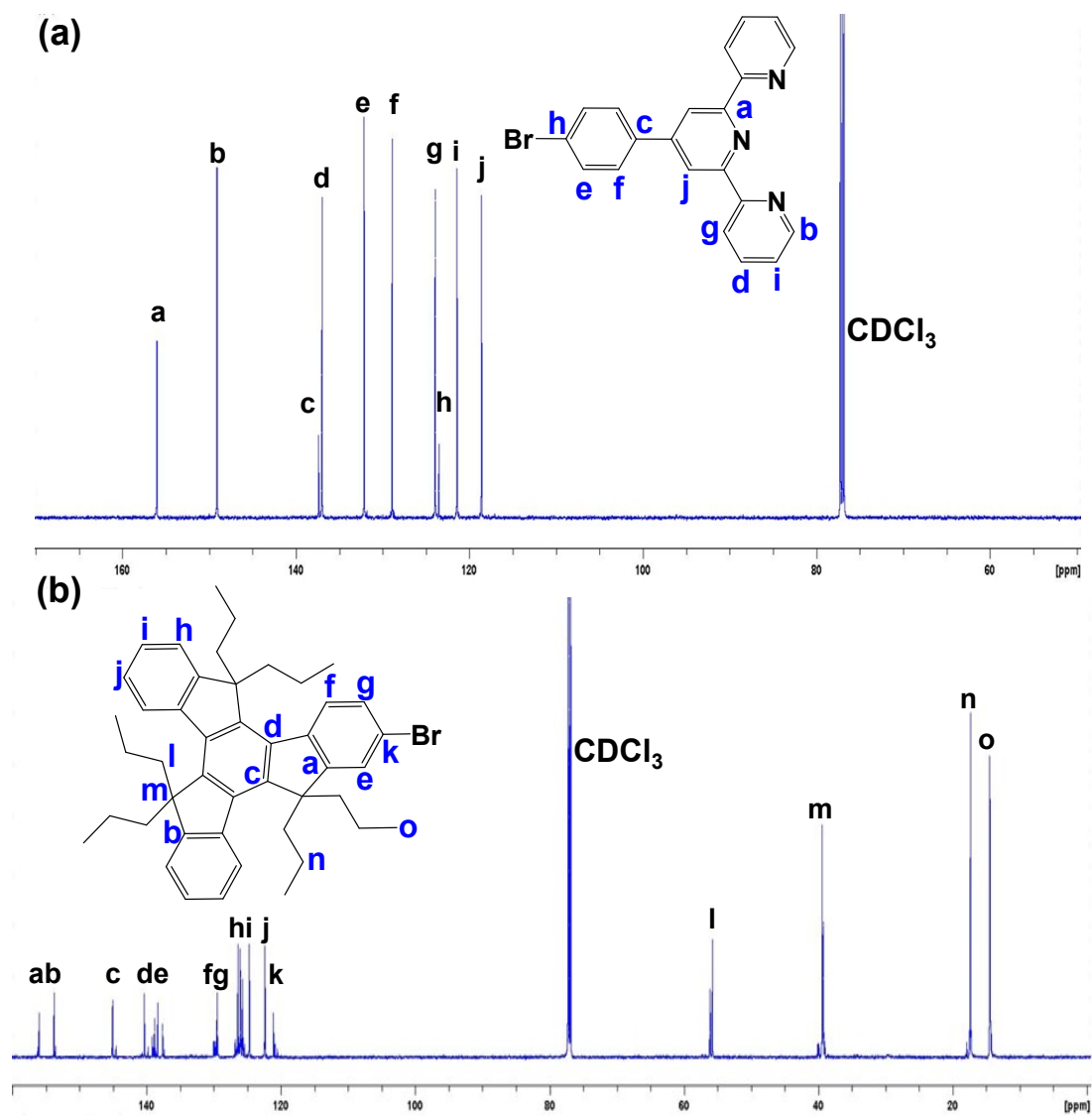


Fig. S2 ^{13}C NMR spectra of intermediates (a) 1 and (b) 5.

3. FABMS spectra of intermediate 1 and monomer M1

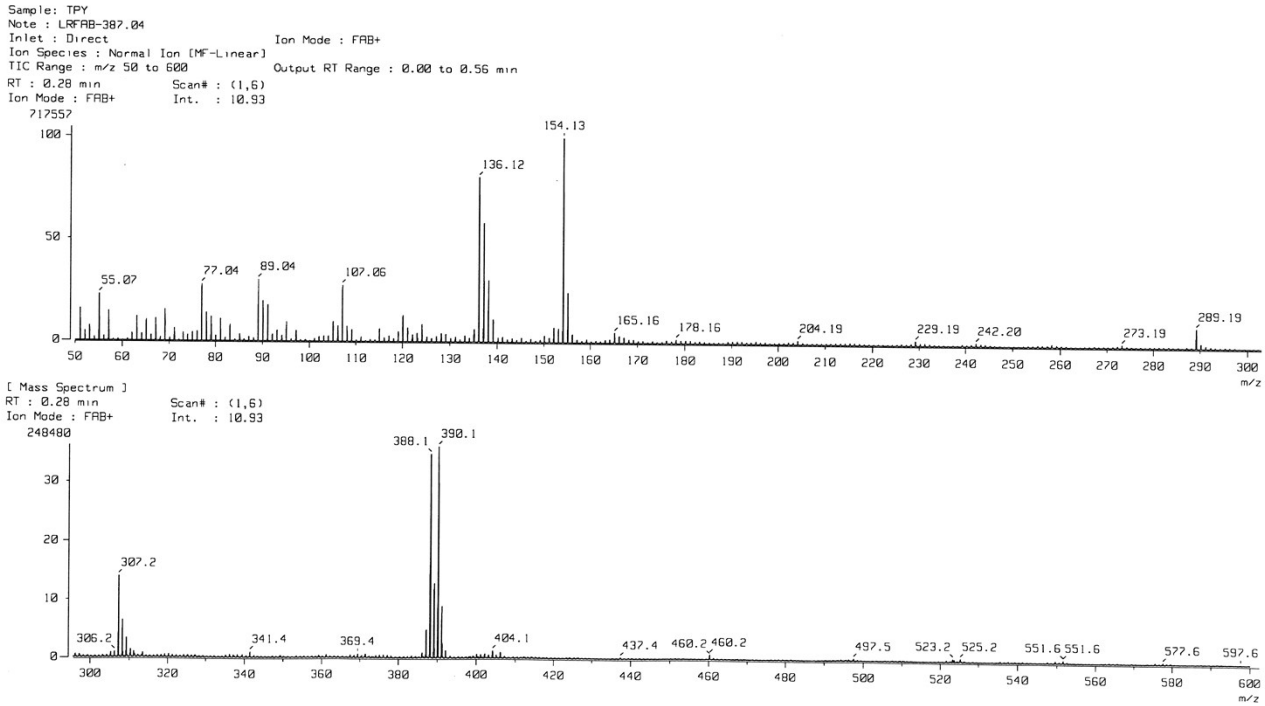


Fig. S3 FABMS spectrum of intermediate 1.

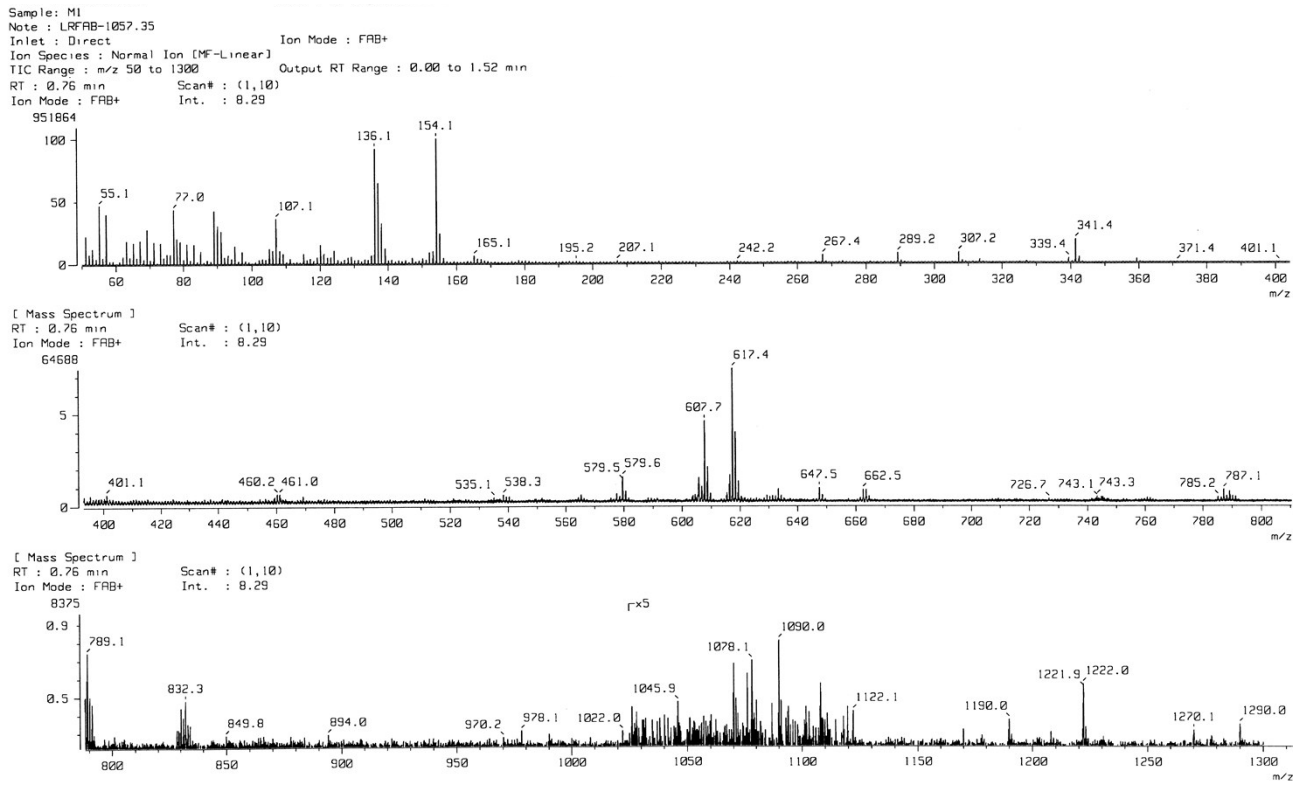


Fig. S4 FABMS spectrum of M1.

4. Cyclic voltammogram of P1

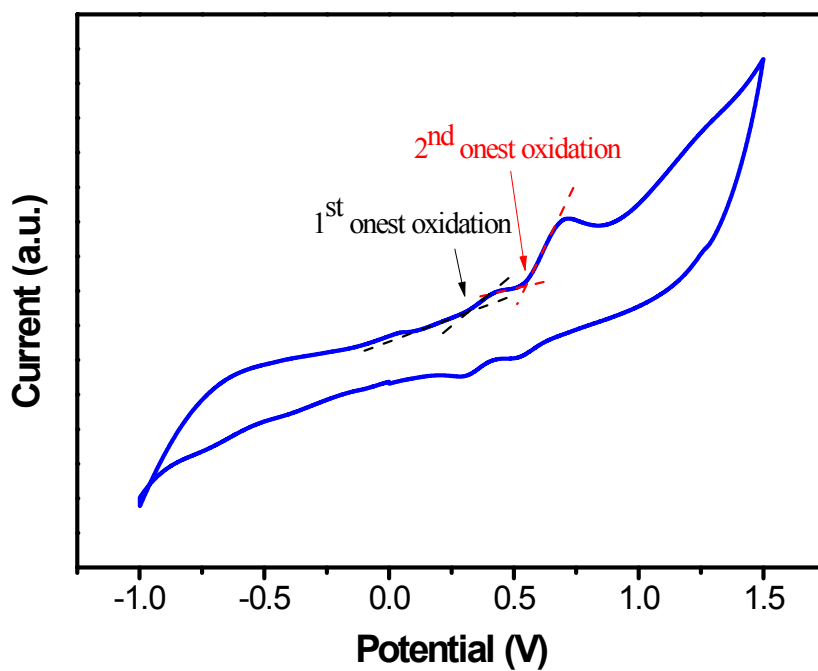


Fig. S5 Cyclic voltammogram of P1 in CH₂Cl₂ at a scanning rate of 100 mV/s.

5. Typical optimized structure, HOMO, and LUMO

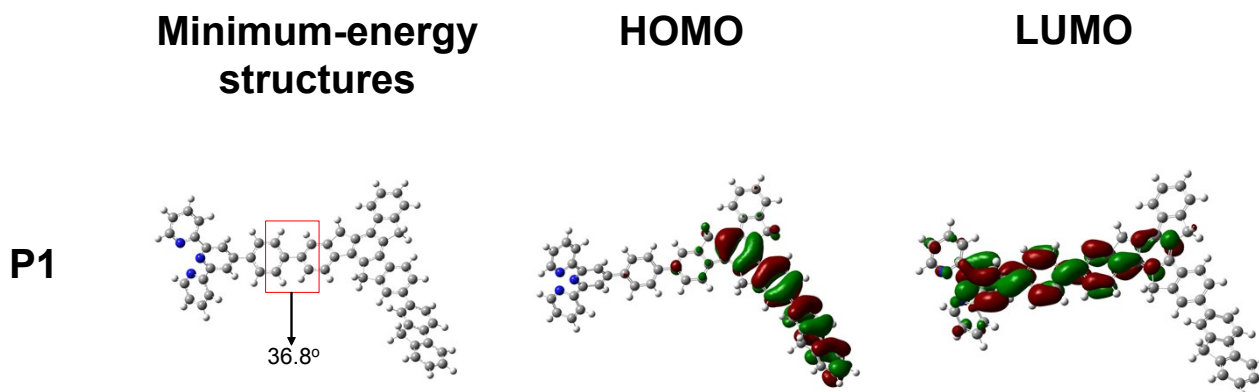


Fig. S6 The optimized structure, HOMO and LUMO of model compound calculated at B3LYP/6-31G* level; the number is the dihedral angle in rectangular.