

Electronic Supplementary Information

for

2, 6-substituted pyridine derivative-containing conjugated
polymers: Synthesis, photoluminescence and ion-sensing
properties

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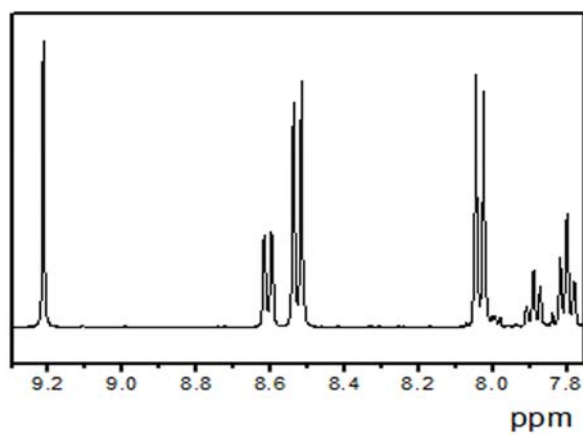
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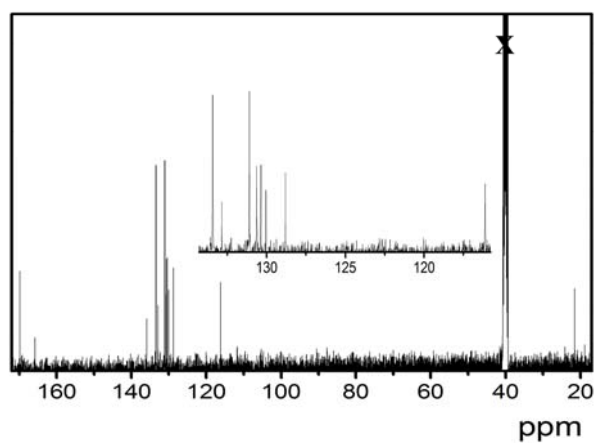
- 1. The characterization data of monomer 9 and polymer P-2**
- 2. UV-Vis absorption and emission spectra of P-1 and P-2**

1. The characterization data of monomer **9** and polymer **P-2**

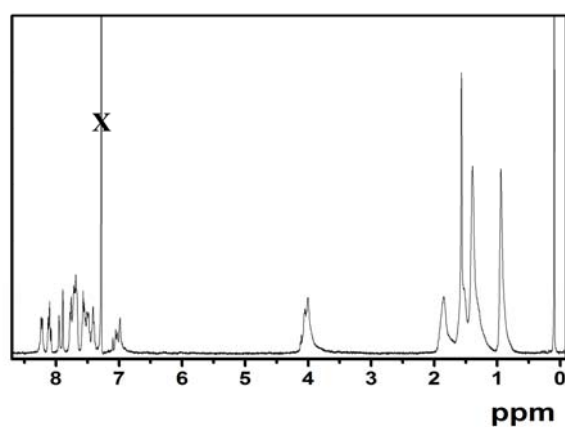
^1H NMR spectra of **9**



^{13}C NMR spectra of **9**



^1H NMR spectra of **P-2**



2. UV-Vis absorption and emission spectra of polymer P-1 and P-2.

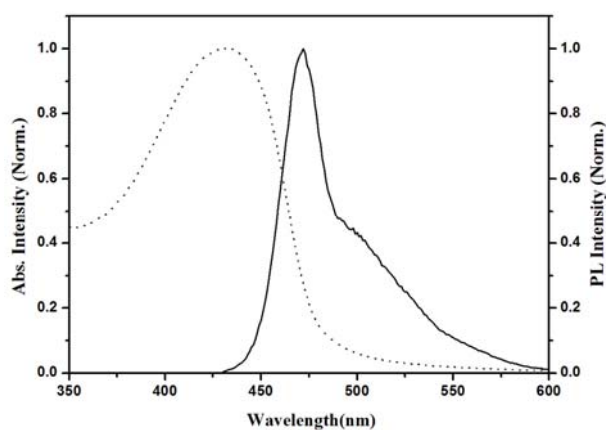


Fig. S1. Normalized UV-Vis absorption and emission spectra of polymer **P-1** in THF. The dash line is absorption spectra and the solid line is emission spectra, respectively.

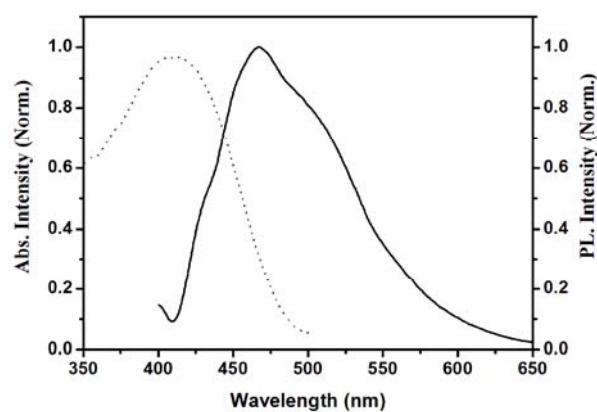


Fig. S2. Normalized UV-Vis absorption and emission spectra of polymer **P-2** in THF. The dash line is absorption spectra and the solid line is emission spectra, respectively.