

# Supplementary Materials: Preparation of the Water-Soluble Pyrene-Containing Fluorescent Polymer by One-Pot Method

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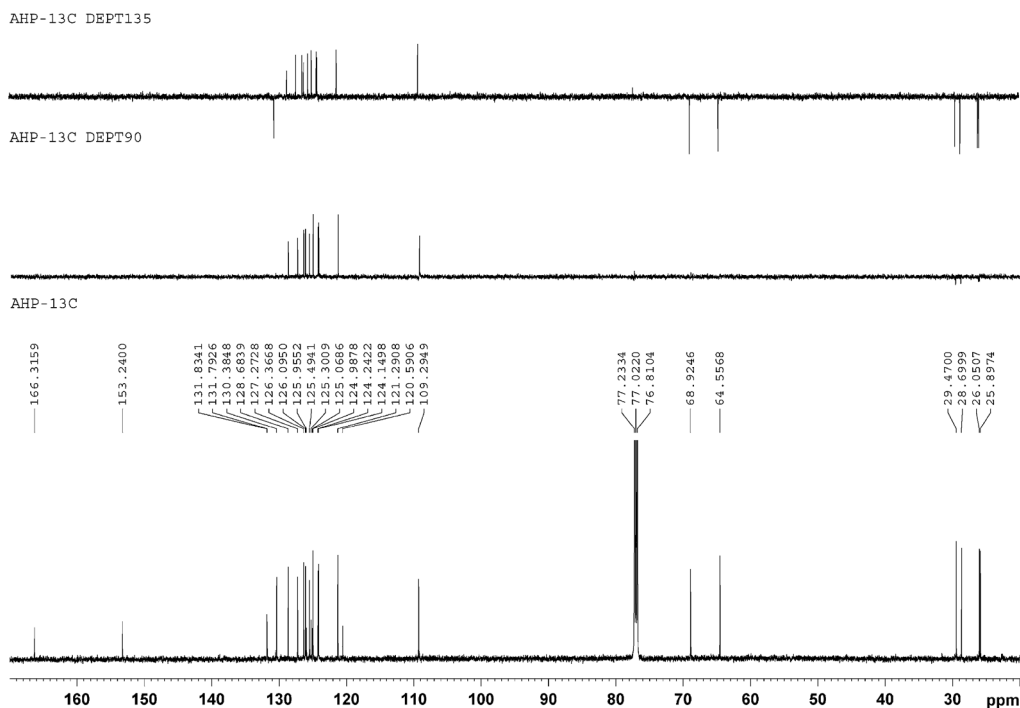


Figure S1.  $^{13}\text{C}$ ,  $^{13}\text{C}$  DEPT90 and  $^{13}\text{C}$  DEPT135 NMR spectra of AHP in  $\text{CDCl}_3$ .

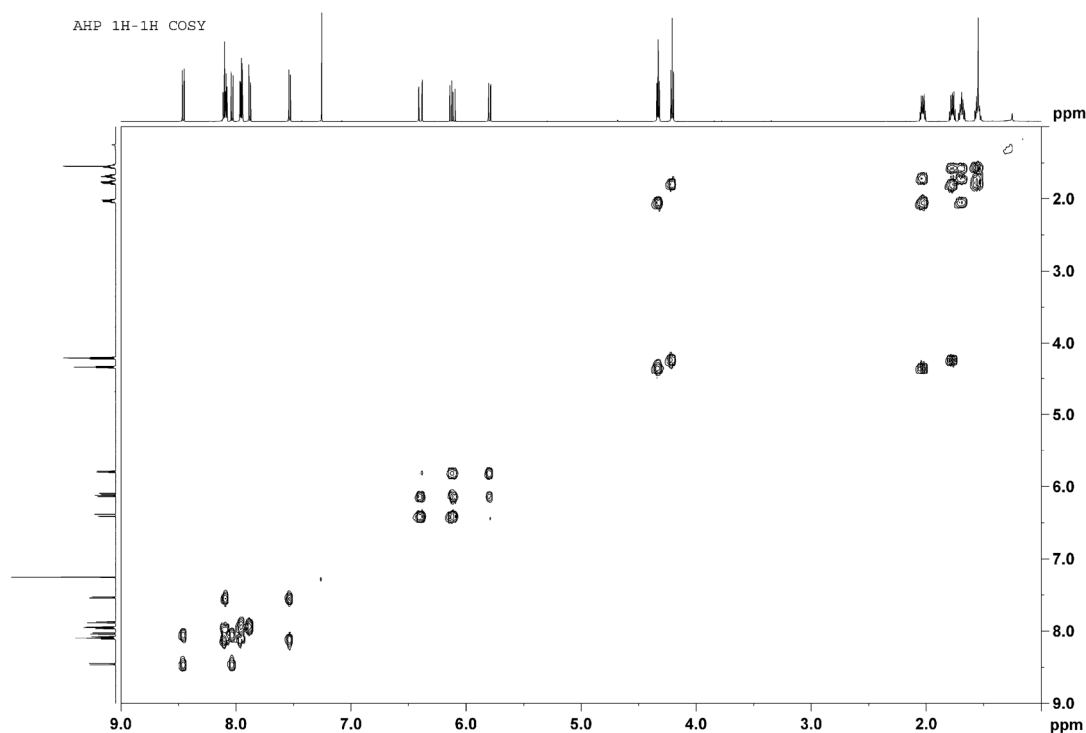
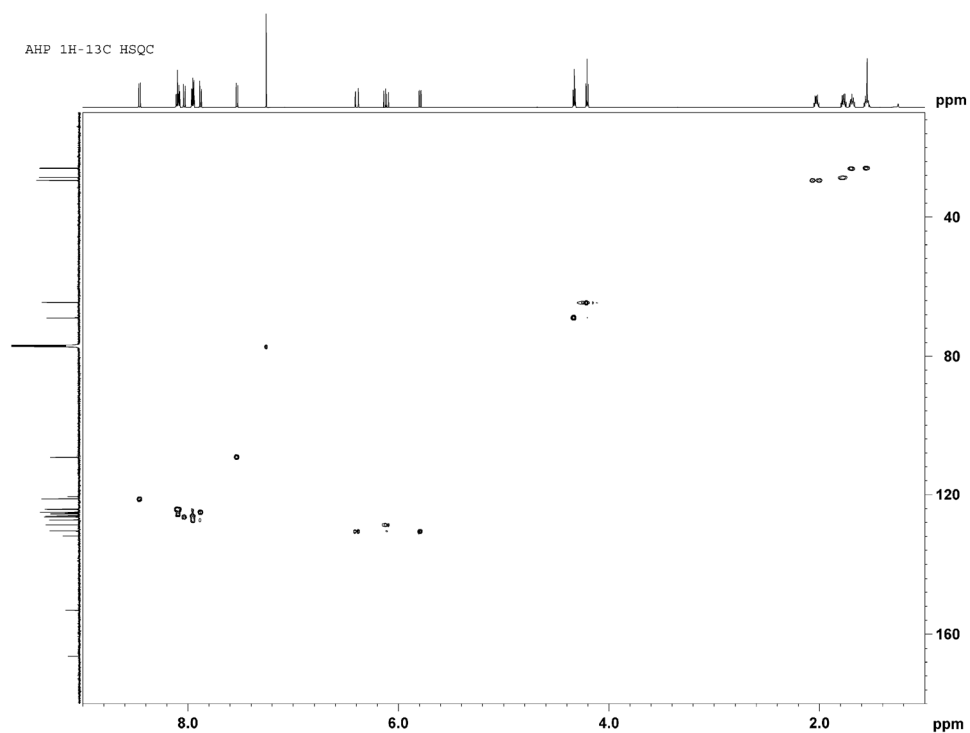
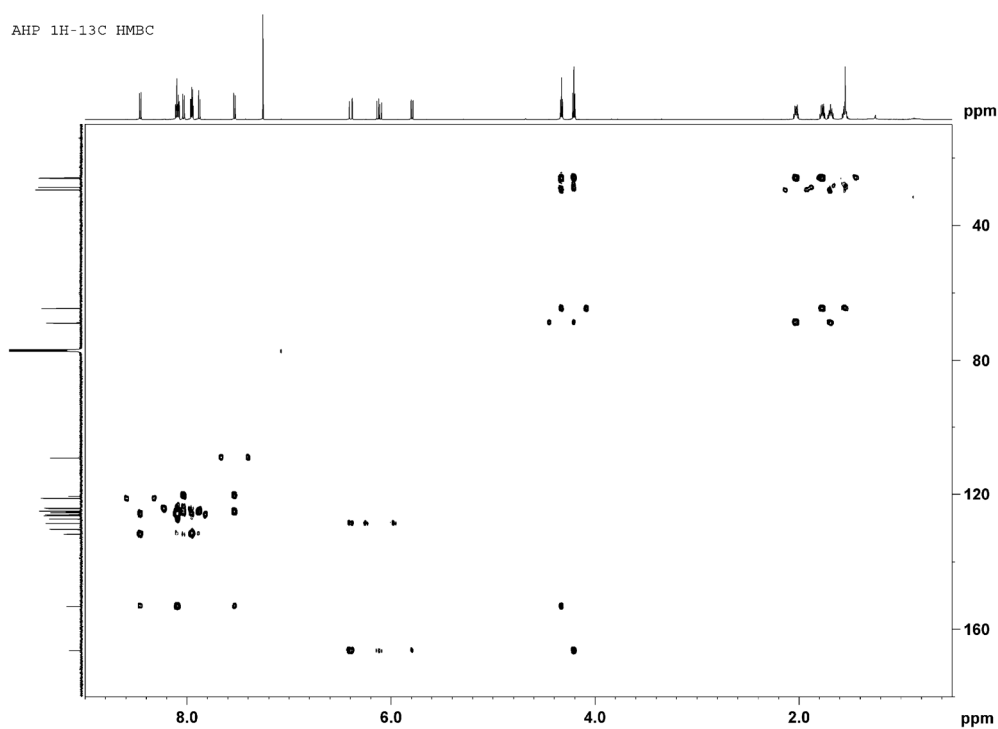


Figure S2.  $^1\text{H}$ - $^1\text{H}$  COSY NMR spectra of AHP in  $\text{CDCl}_3$ .



**Figure S3.**  $^1\text{H}$ - $^{13}\text{C}$  HSQC NMR spectra of AHP in  $\text{CDCl}_3$ .



**Figure S4.**  $^1\text{H}$ - $^{13}\text{C}$  HMBC NMR spectra of AHP in  $\text{CDCl}_3$ .



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