Supporting information

Aqueous polyfluorene probe for the detection and estimation of Fe\(^{3+}\) and inorganic phosphate in blood serum

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Supporting Information spectra

1. $^1$HNMR of 2,7-dibromo-9,9-bis(6-phenoxyhexyl)-9H-fluorene, 1

![HNMR spectrum](image)

2. $^{13}$CNMR of 2,7-dibromo-9,9-bis(6-phenoxyhexyl)-9H-fluorene, 1

![CNMR spectrum](image)
3. $^1$H NMR of polymer P0

![1H NMR Spectrum](image1)

4. $^{13}$C NMR of polymer P0

![13C NMR Spectrum](image2)

5. FTIR Spectra of polymer P0

![FTIR Spectrum](image3)
6. $^1$H NMR of polymer P1

[Image of an NMR spectrum]

7. FTIR Spectra of polymer P1

[Image of an FTIR spectrum]