

Supplementary Materials

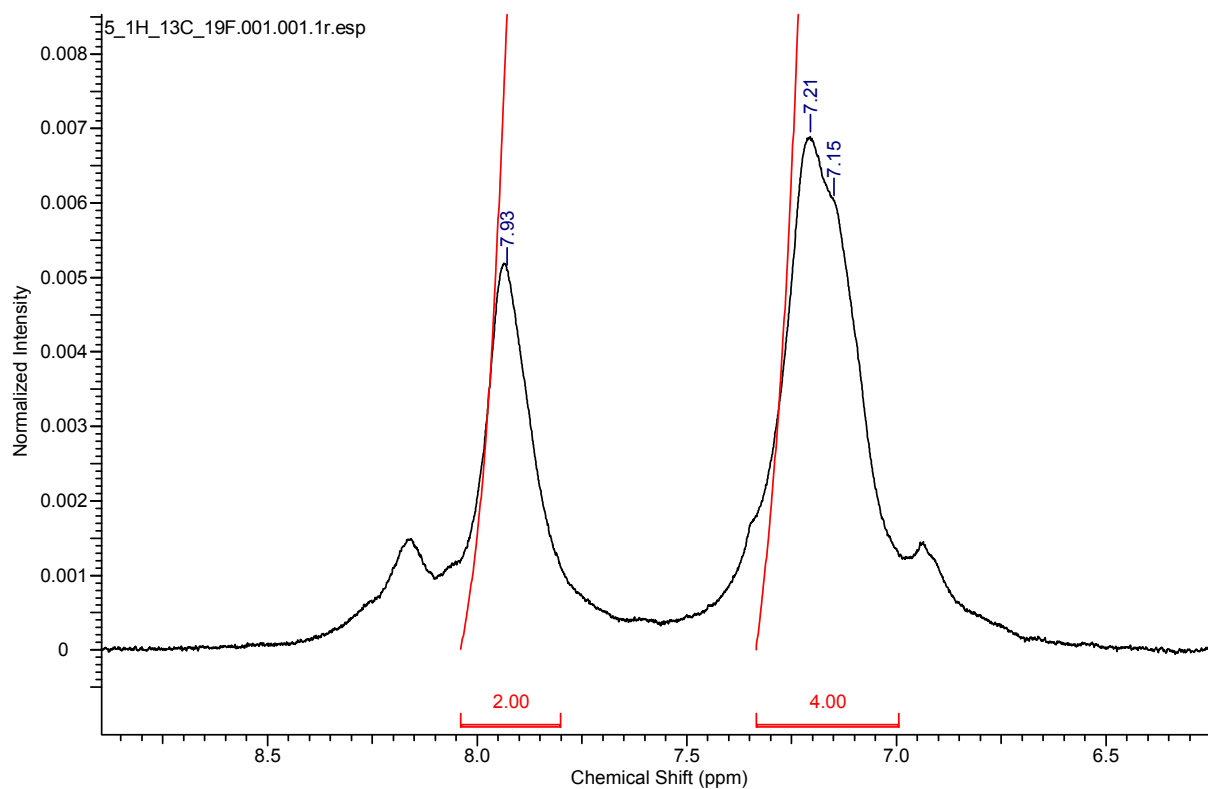


Figure S1. ^1H NMR aromatic region of **4**.

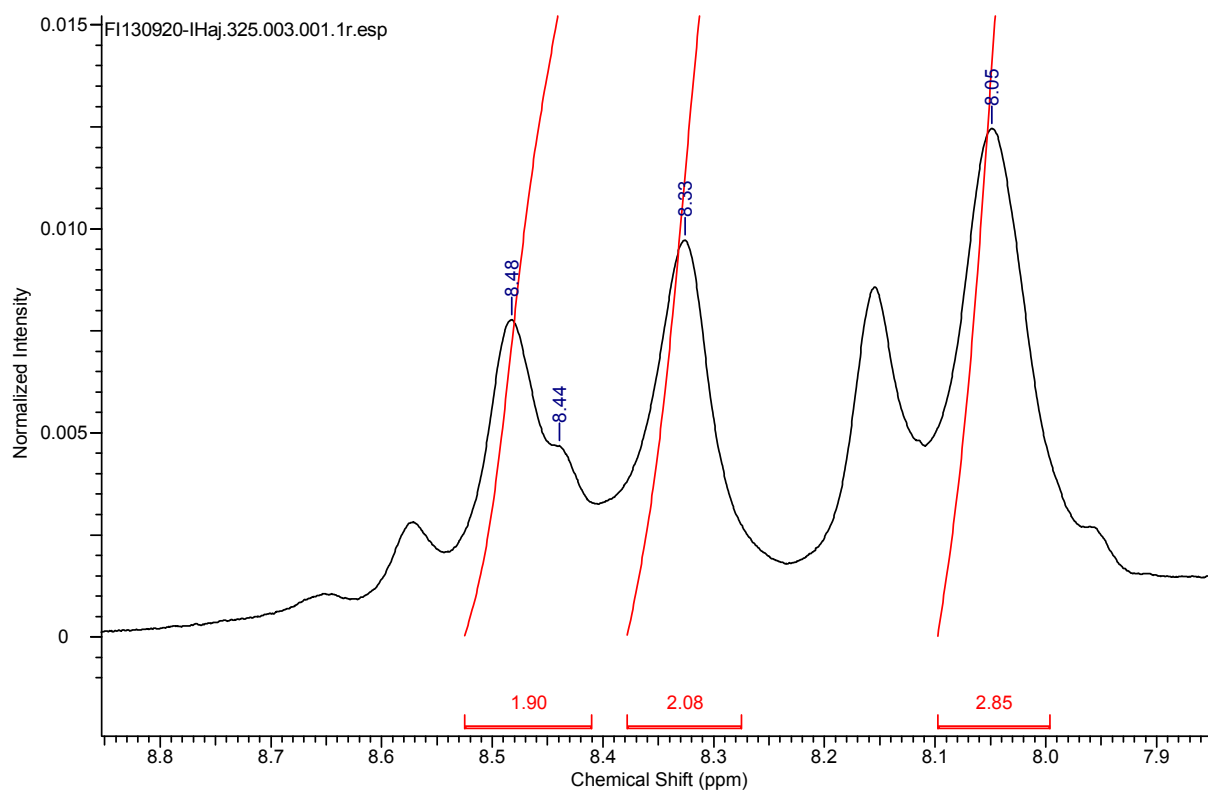


Figure S2. ^1H NMR aromatic region of **3**.

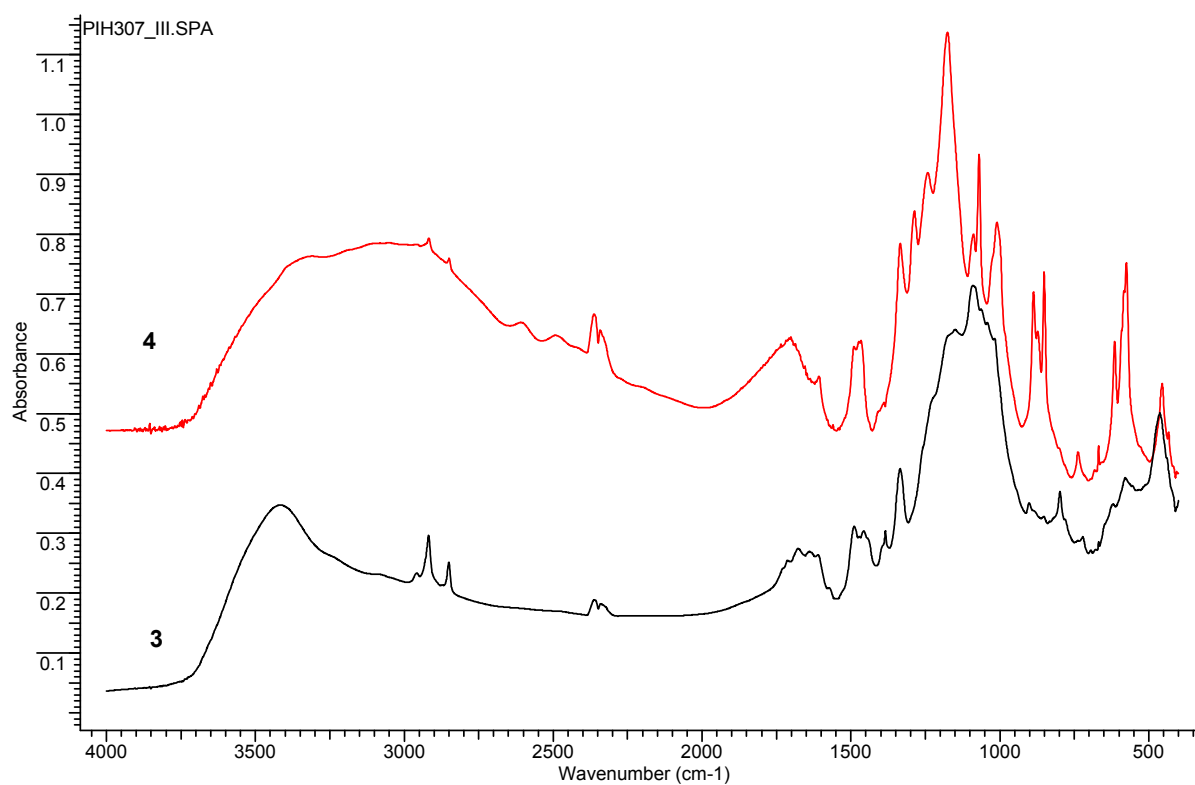


Figure S3. FTIR spectra of sulfonated polymers 3 and 4.

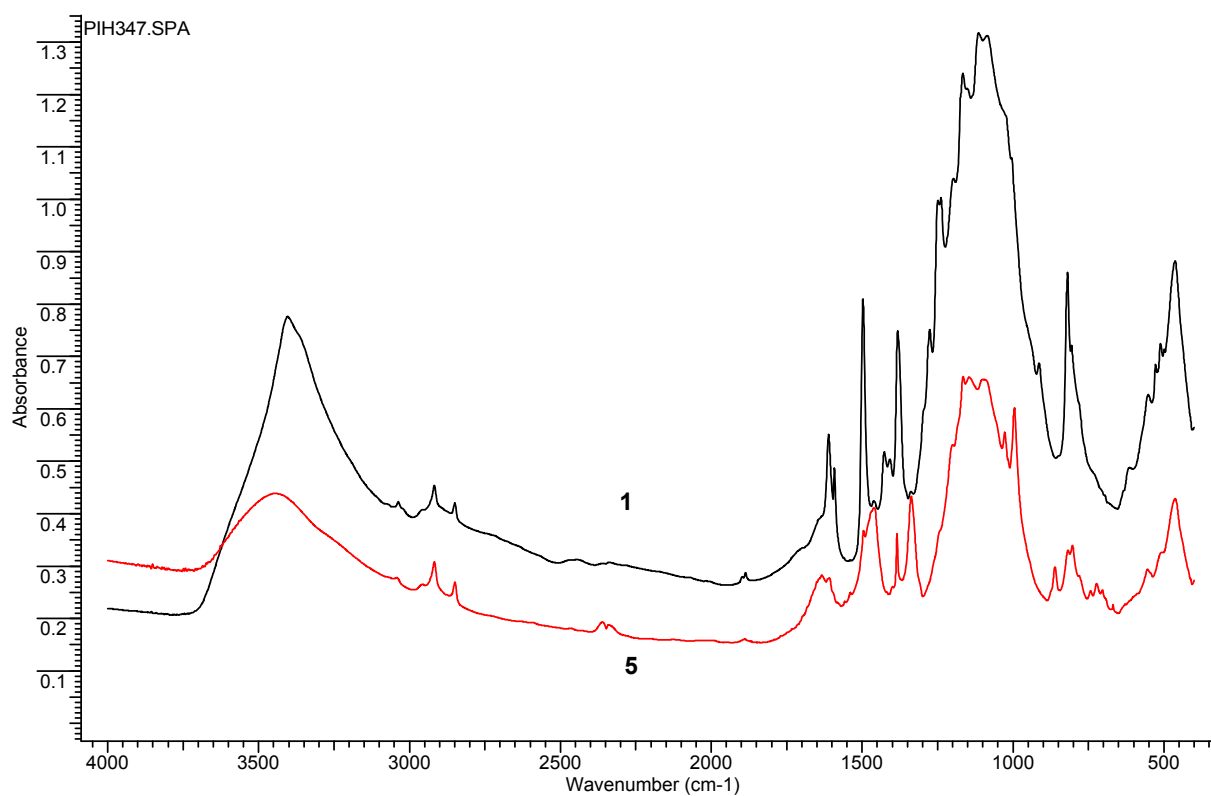


Figure S4. FTIR spectra of non-phosphonated 1 and phosphonated 5 polymers.

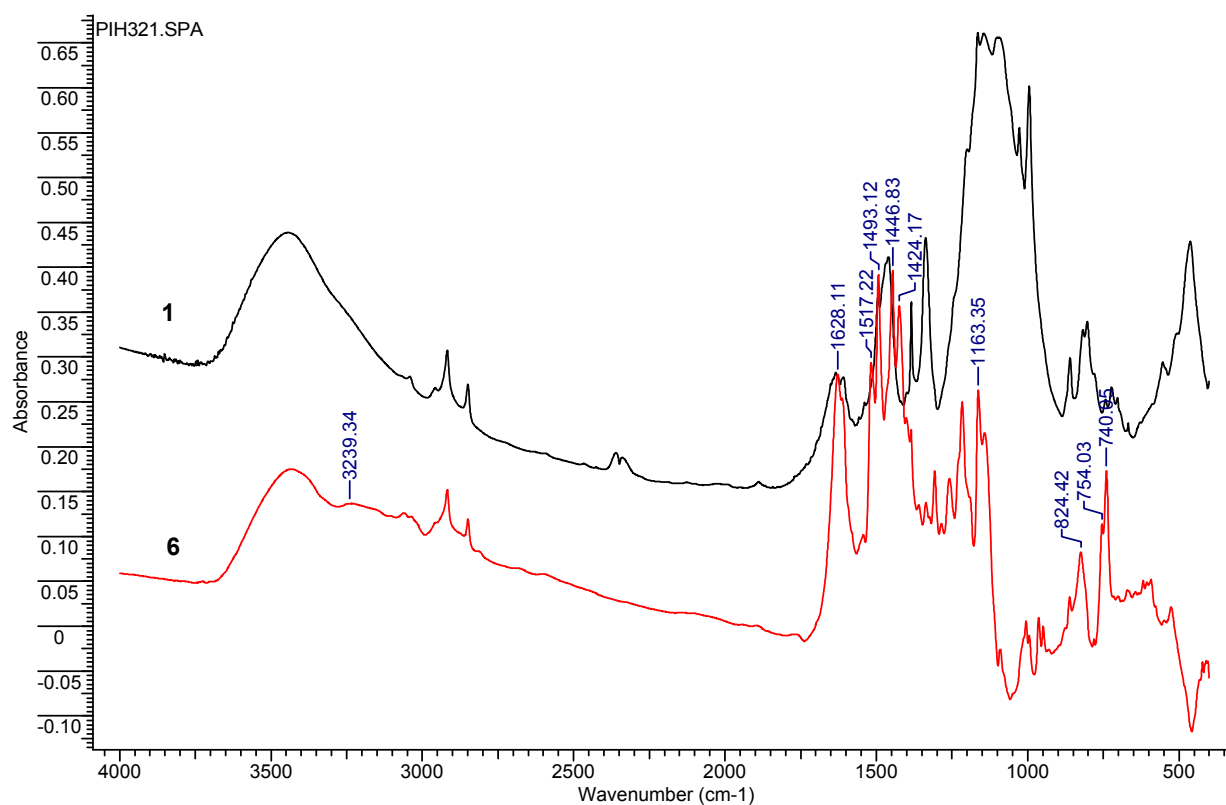


Figure S5. FTIR spectra of non-thiolated **1** and thiolated polymers **6**.

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