

Backbone vs. side-chain: Two light-degradable polyurethanes based on 6-nitropiperonal

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Supporting Information

Experimental Section

Spectra

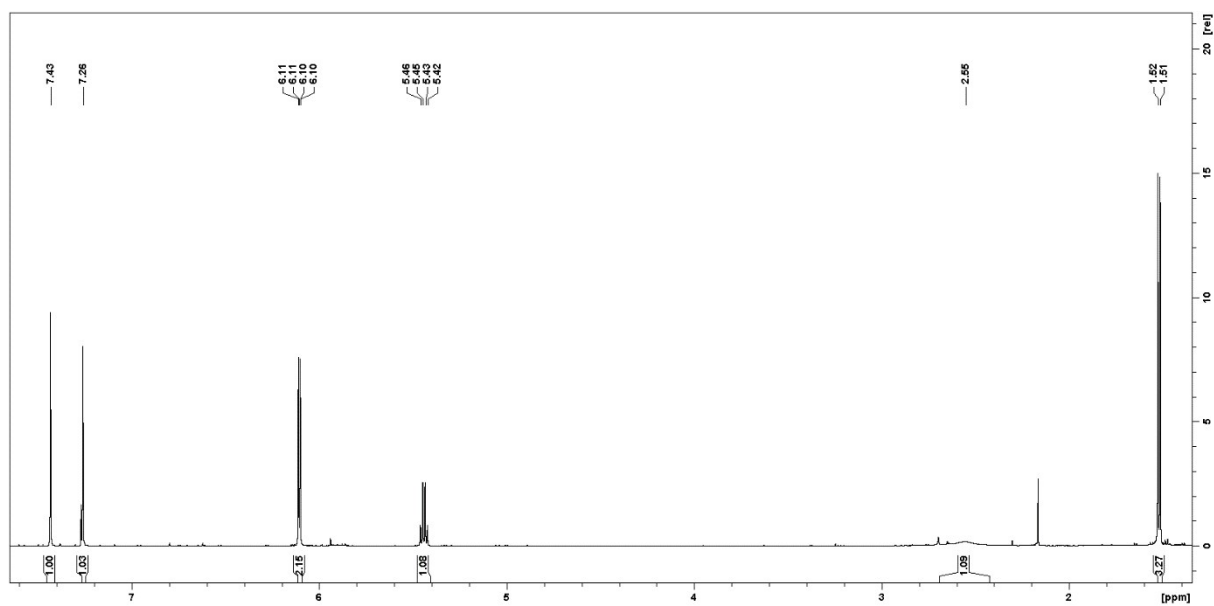


Fig. S1: ^1H NMR spectra of 1.

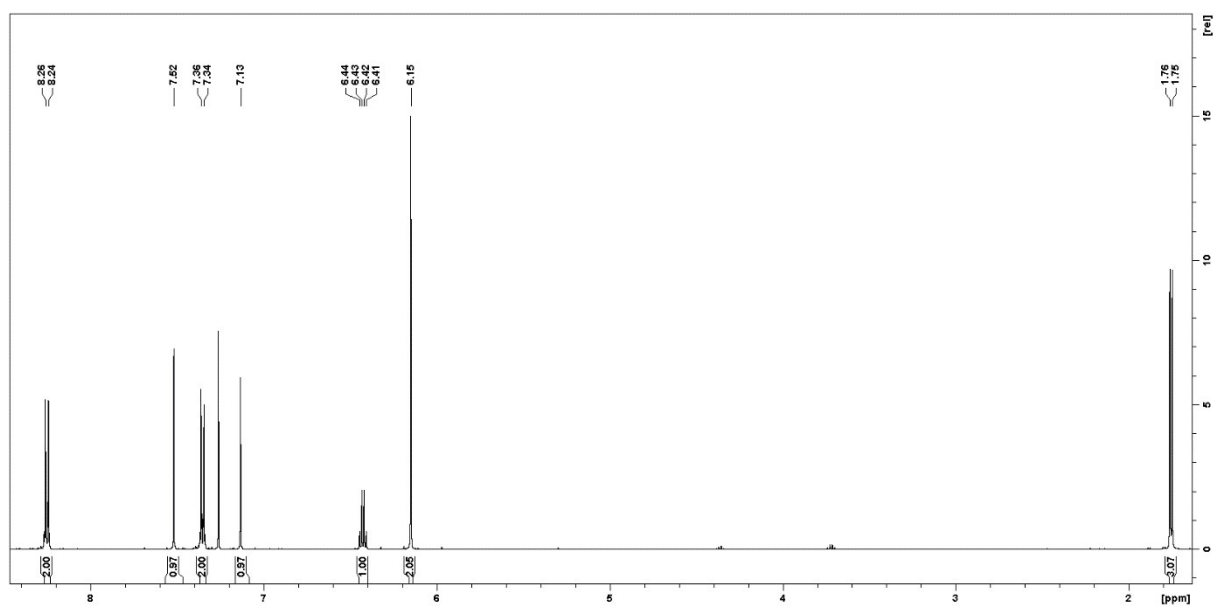
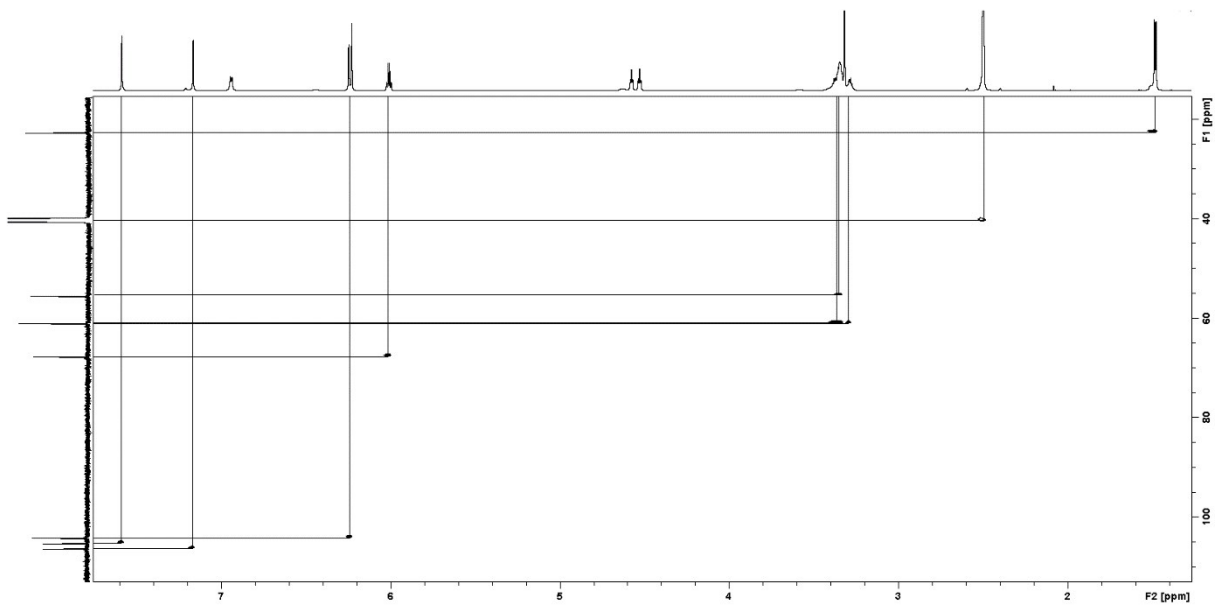
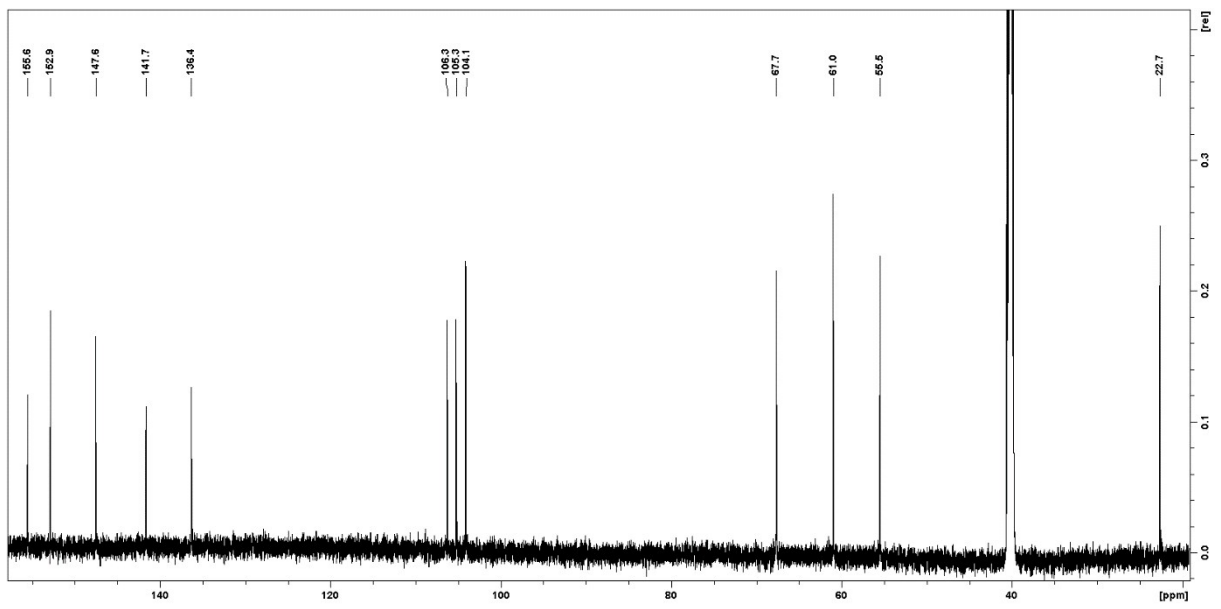
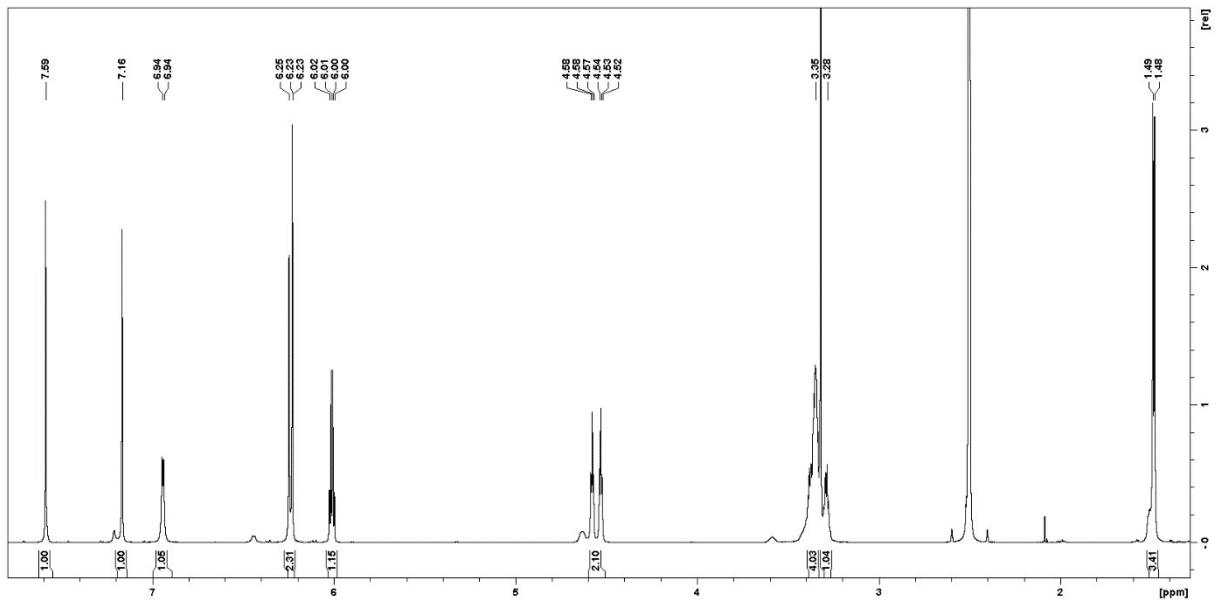


Fig. S2: ^1H NMR spectra of 2.



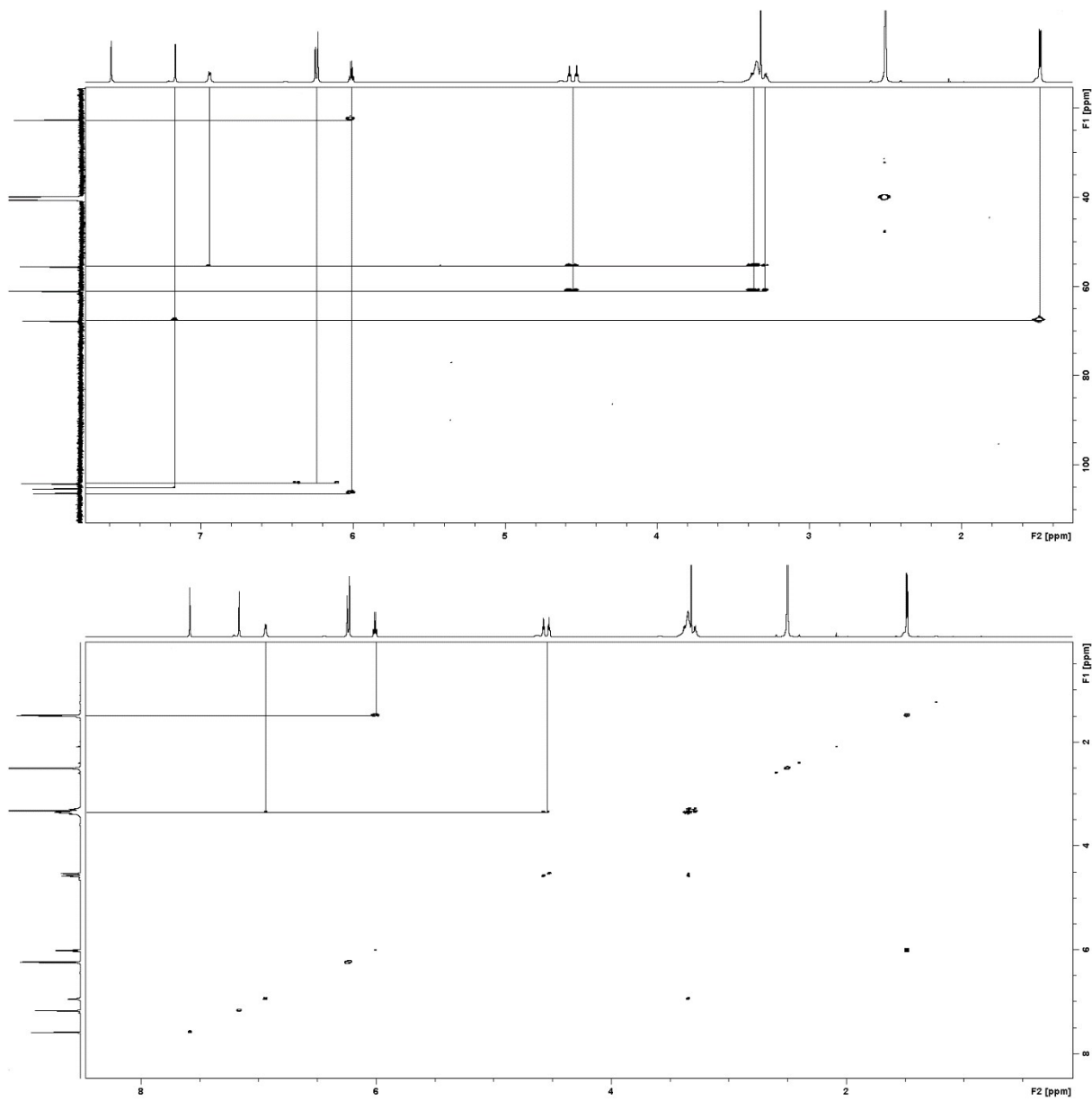


Fig. S3: ^1H , ^{13}C , hsqc, hmbc, cosy NMR spectra of monomer 3.

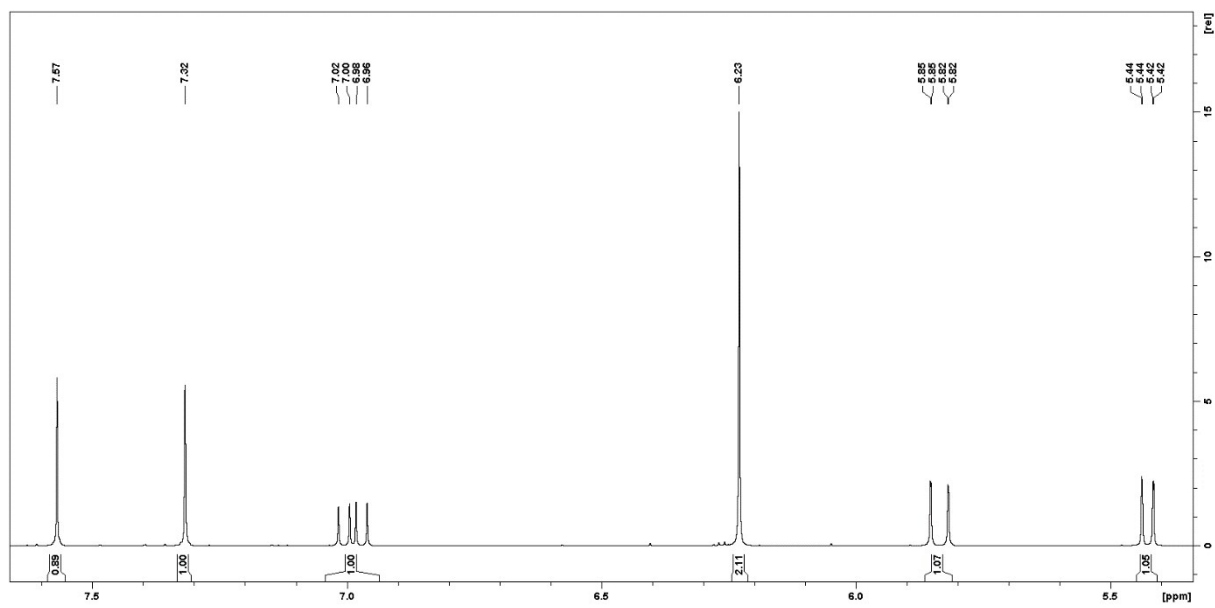
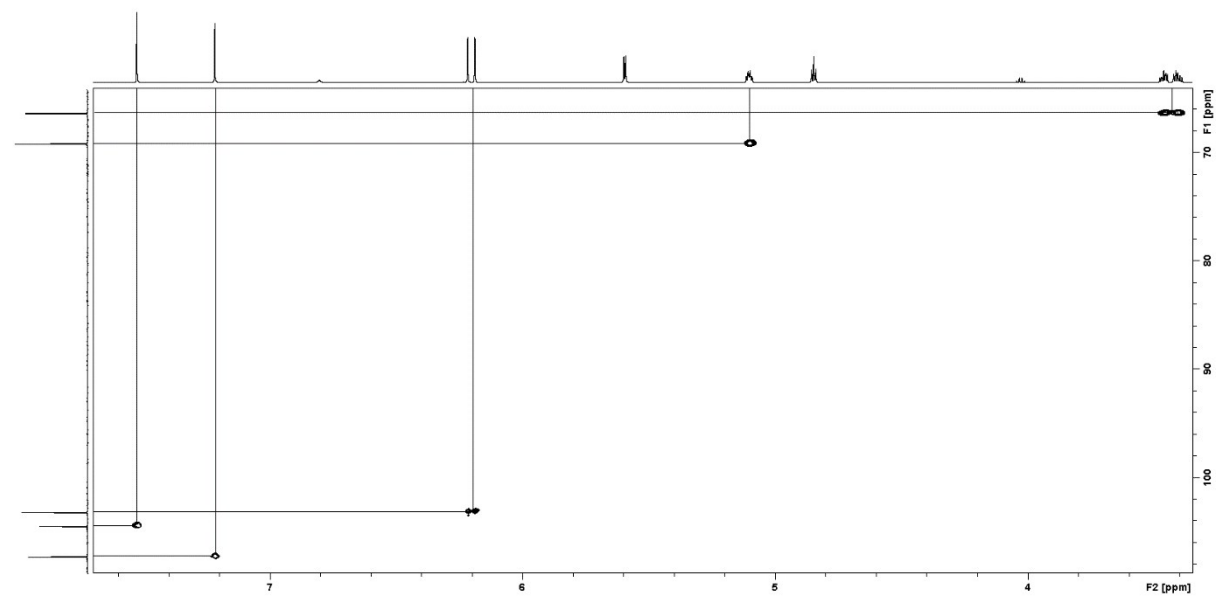
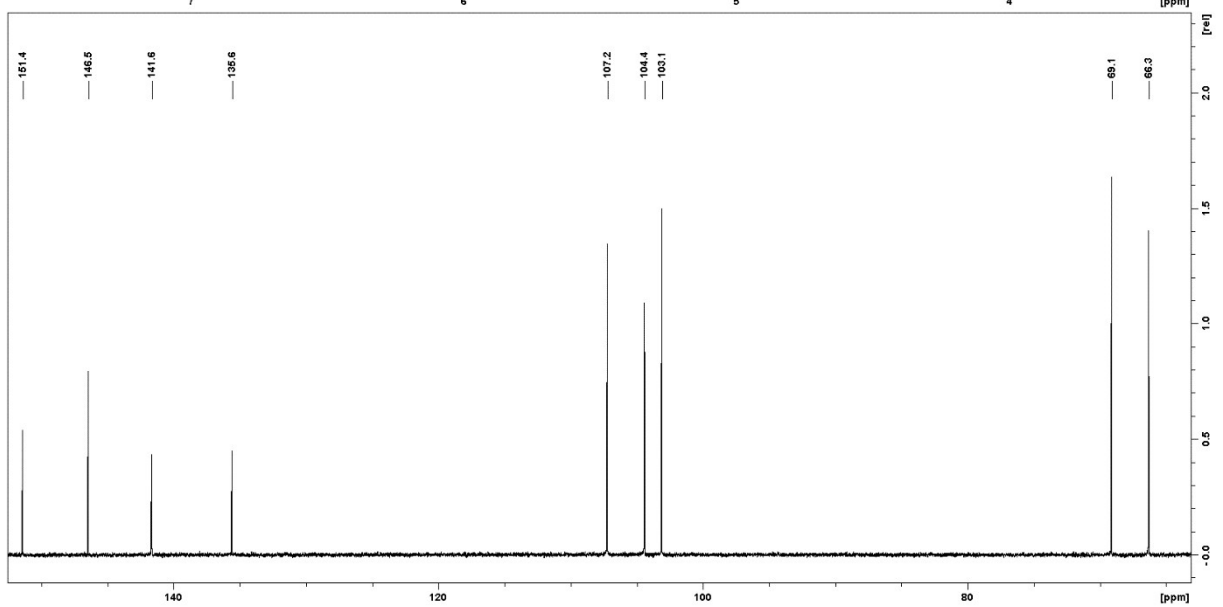
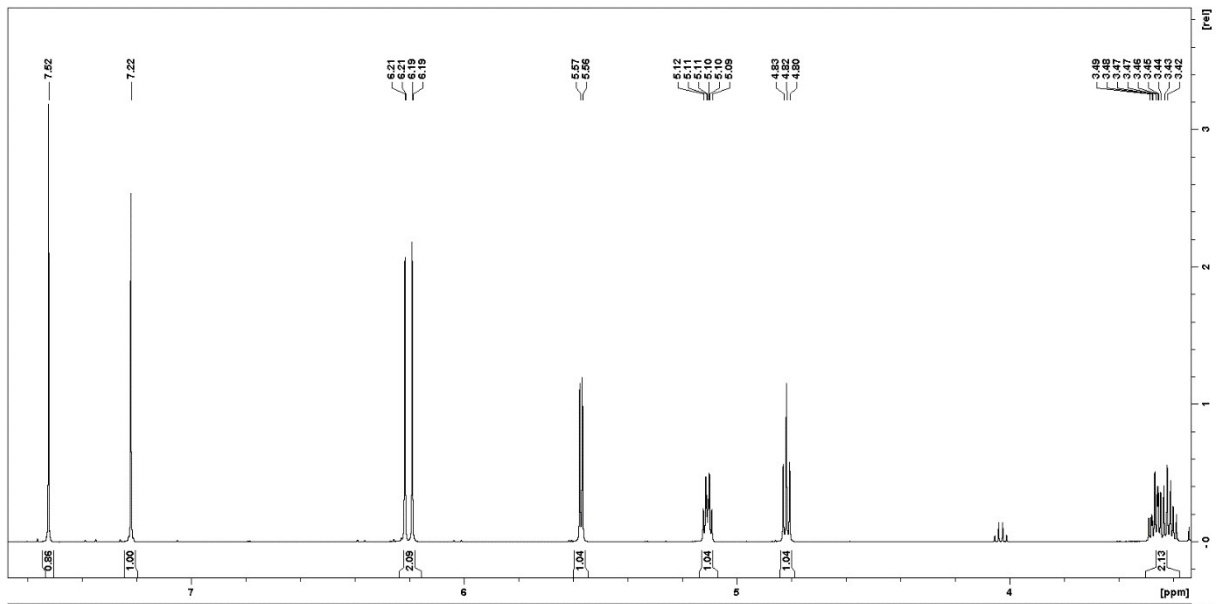


Fig. S4: ^1H NMR spectra of 4.



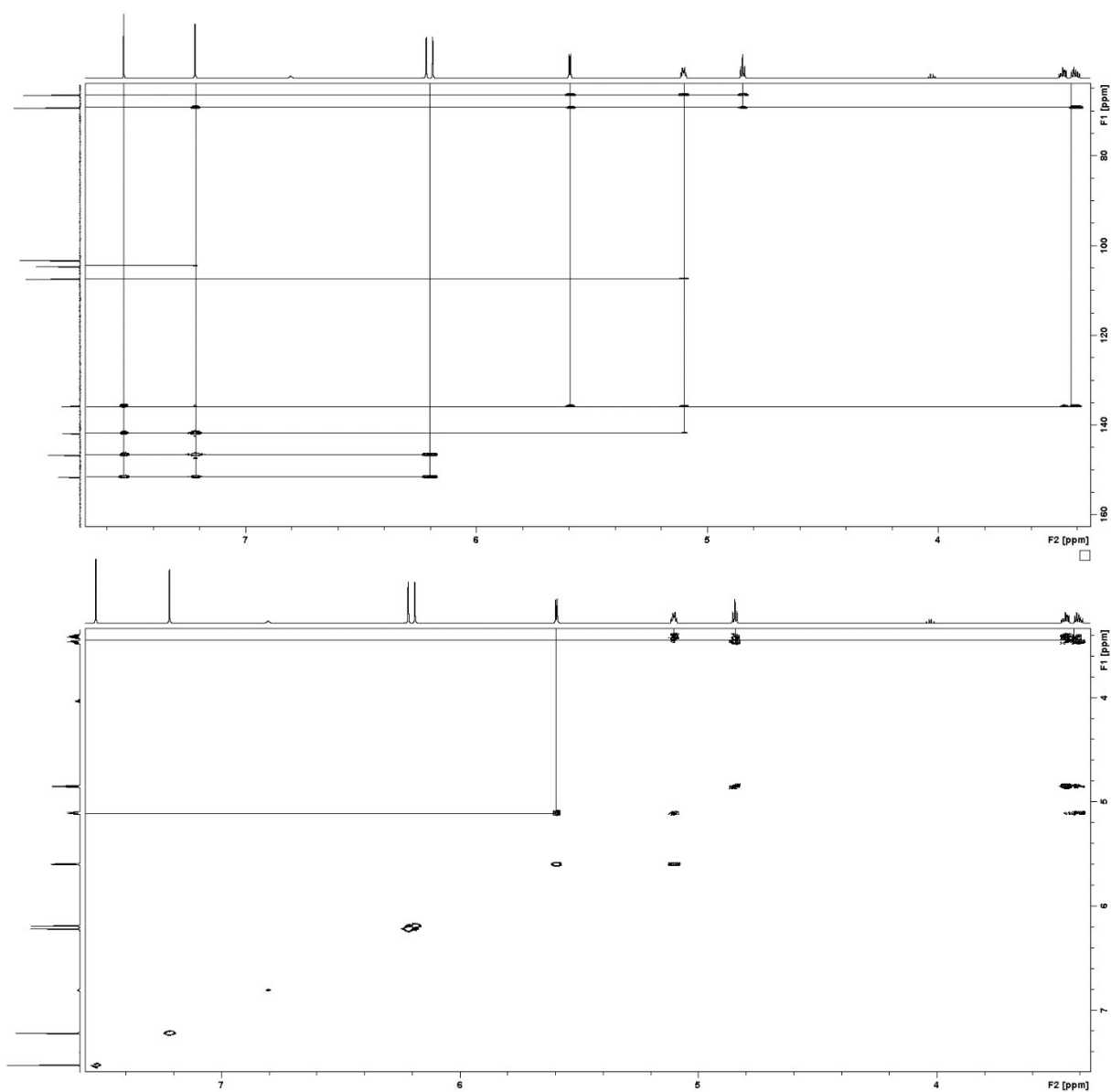


Fig. S5: ^1H , ^{13}C , hsqc, hmbc and cosy NMR spectra of diol 5.

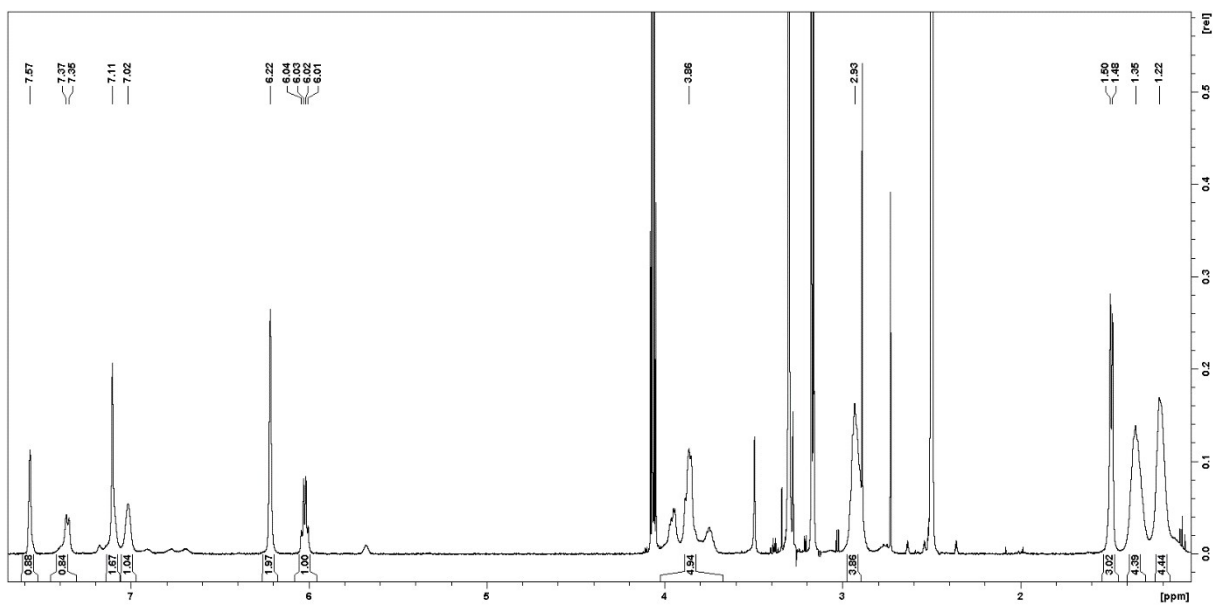


Fig. S6: ^1H NMR spectra of polymer 6.

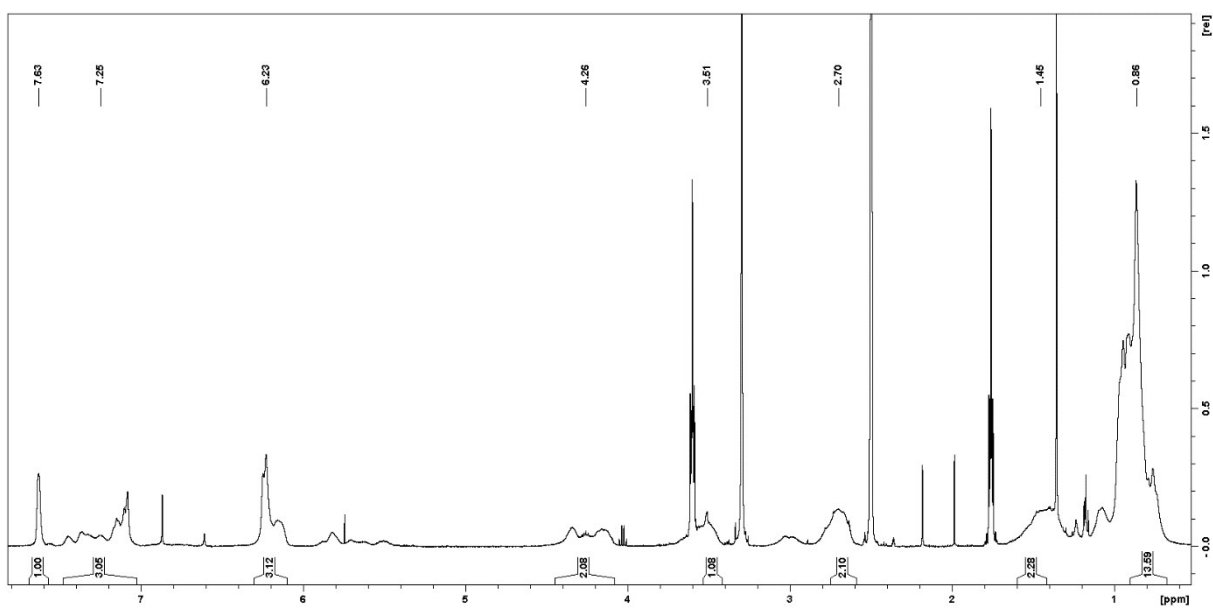


Fig. S7: ^1H NMR spectra of polymer 7.

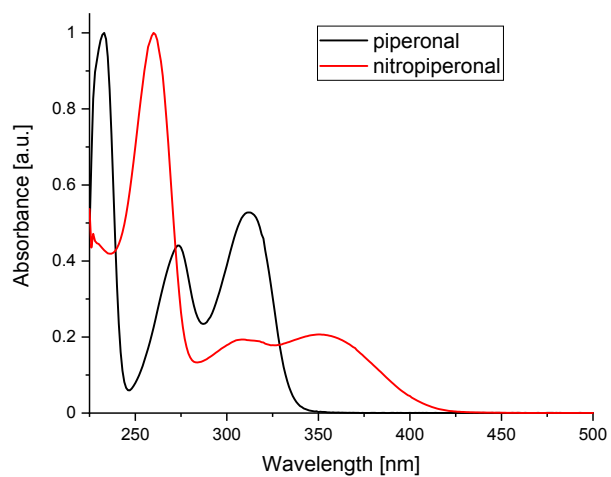


Fig. S8: UV/Vis spectra of nitropiperonal and piperonal in DCM solution.

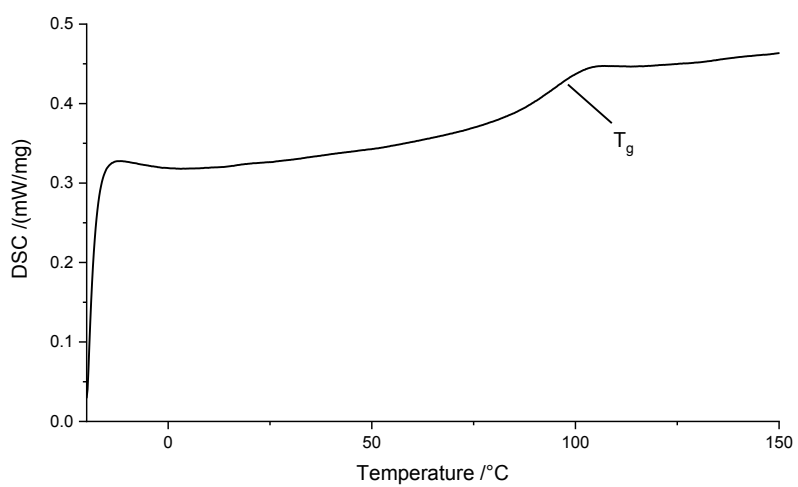
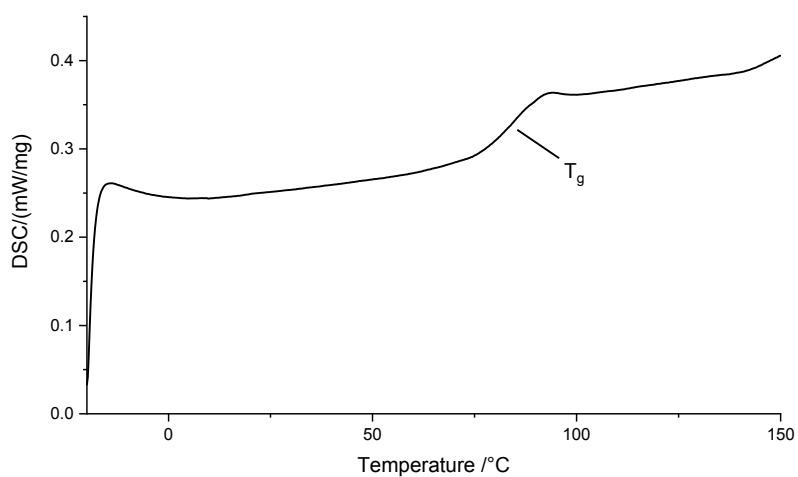


Fig. S9: DSC-curves of polymer 6 (top) and polymer 7 (bottom).

