

Supporting Information

Radical ring-opening polymerization of novel azlactone-functionalized vinyl cyclopropane

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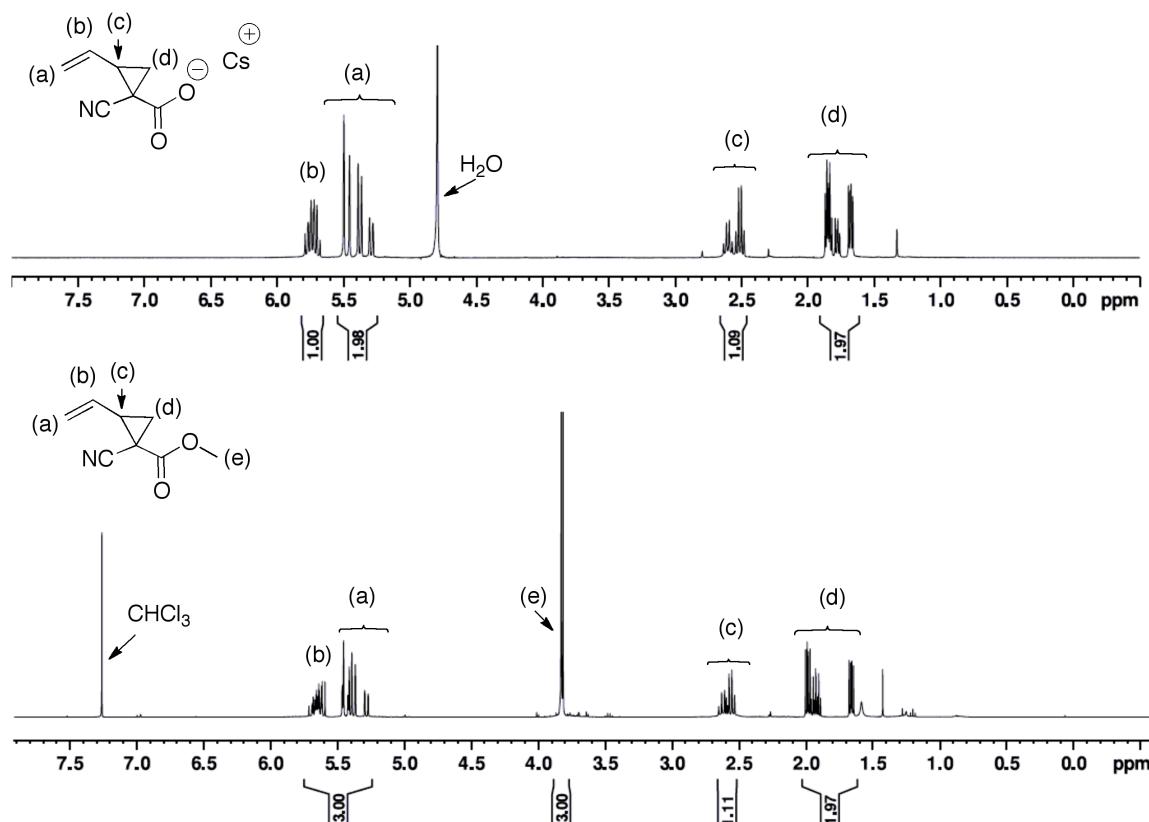


Figure S1: ^1H NMR (400 MHz) spectra of VCP based on methyl cyanoacetate (**1**) and its cesium salt form (**3**) in CDCl_3 .

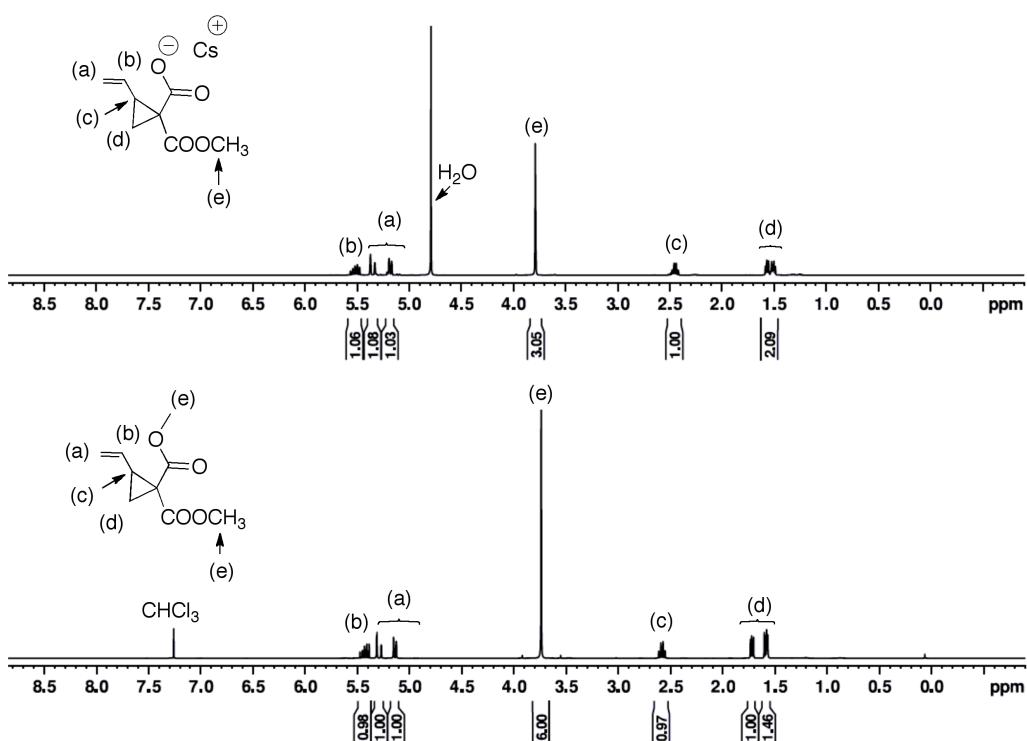


Figure S2: ¹H NMR (400 MHz) spectra of VCP based on dimethylmalonate (**2**) and its cesium salt form (**4**) in CDCl₃.

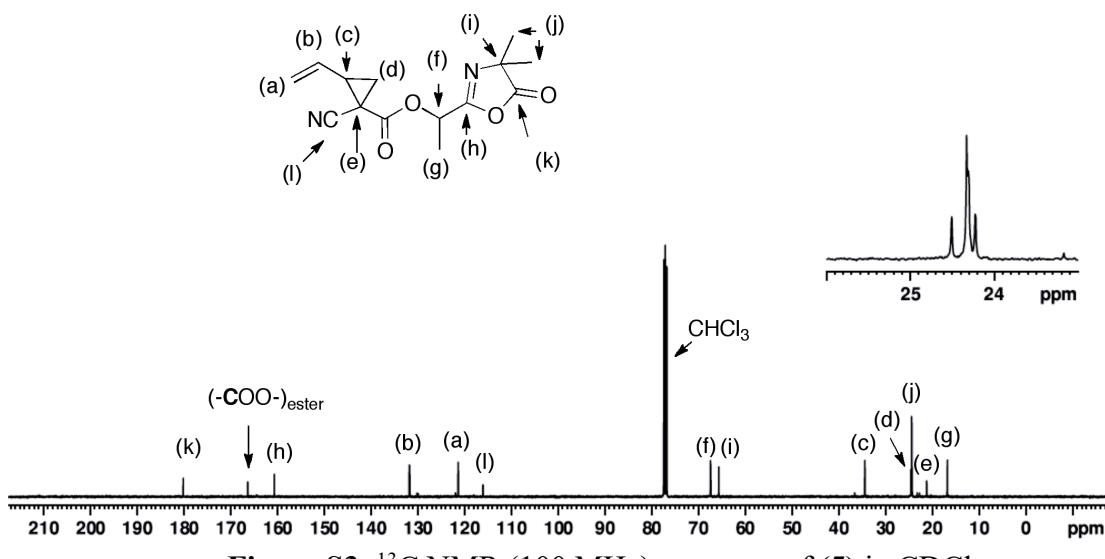


Figure S3: ¹³C NMR (100 MHz) spectrum of (**5**) in CDCl₃.

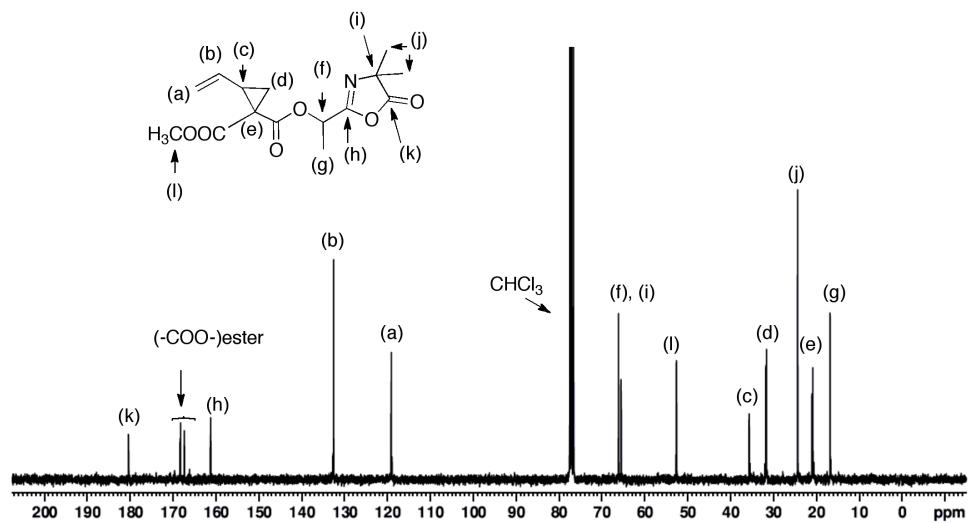


Figure S4: ^{13}C NMR (100 MHz) spectrum of (6) in CDCl_3 .

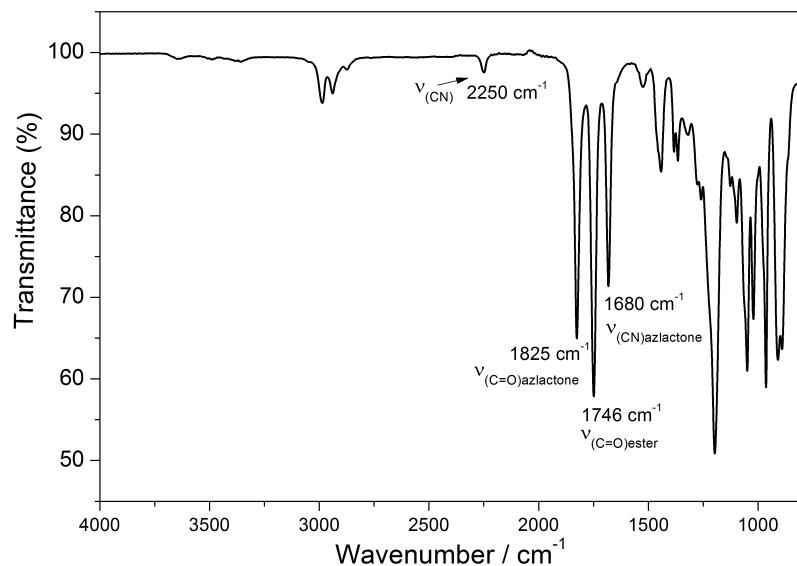


Figure S5: FT-IR spectrum of polymer (7).

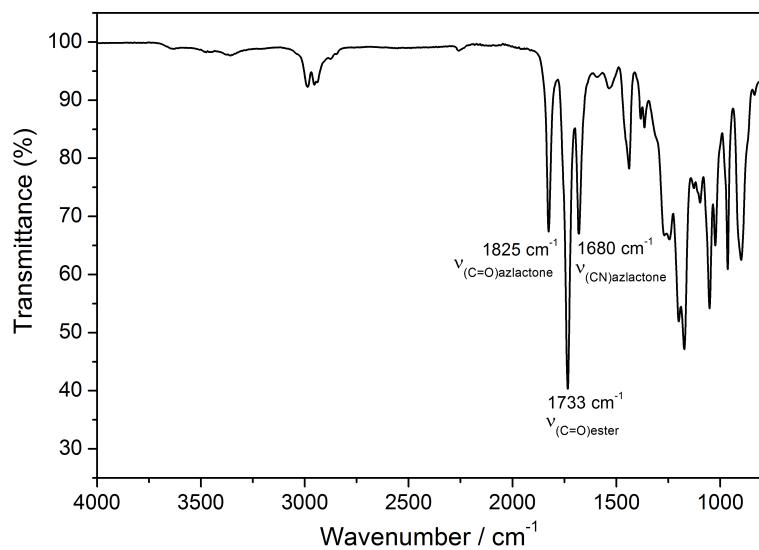


Figure S6: FT-IR spectrum of polymer (8).

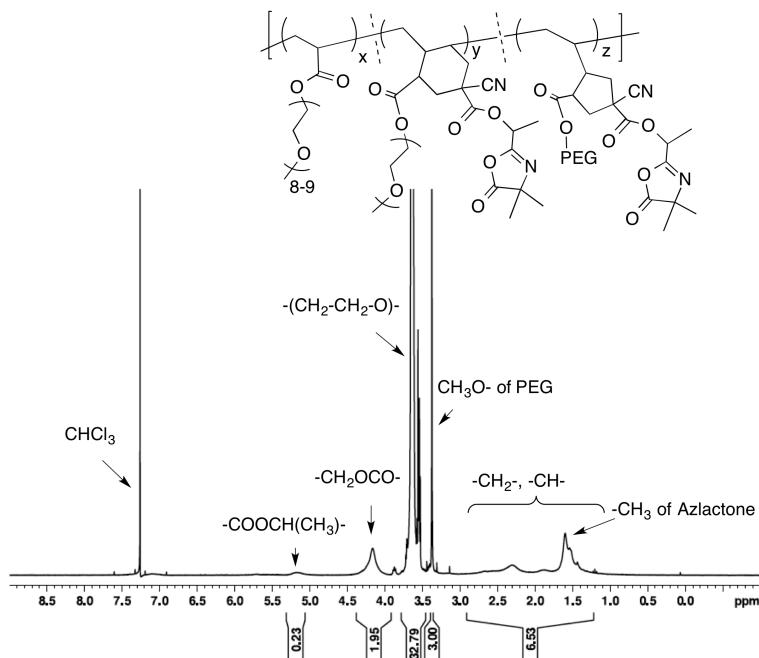


Figure S7: ^1H NMR (400 MHz) spectrum of poly(PEGA-*co*-(5)) copolymer in CDCl_3 .

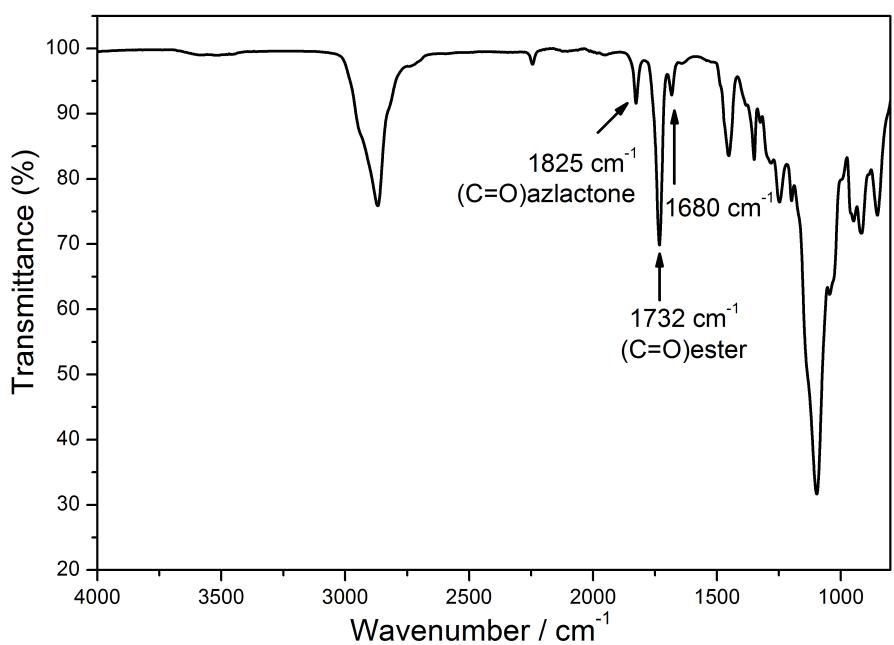


Figure S8: FT-IR spectrum of polymer poly(PEGA-*co*-(5)).

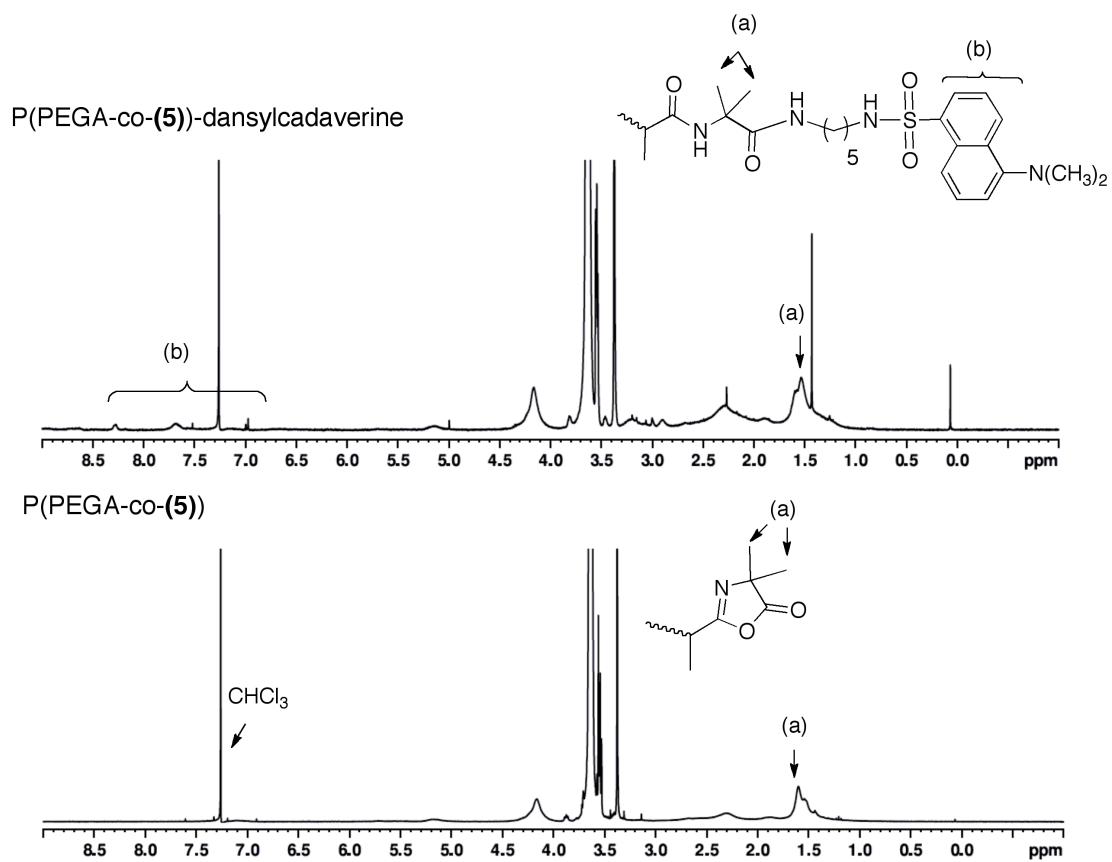


Figure S9: ^1H NMR spectra (400 MHz, CDCl_3) of P(PEGA-*co*-(5)): before and after post-polymerization modification with dansylcadaverine.

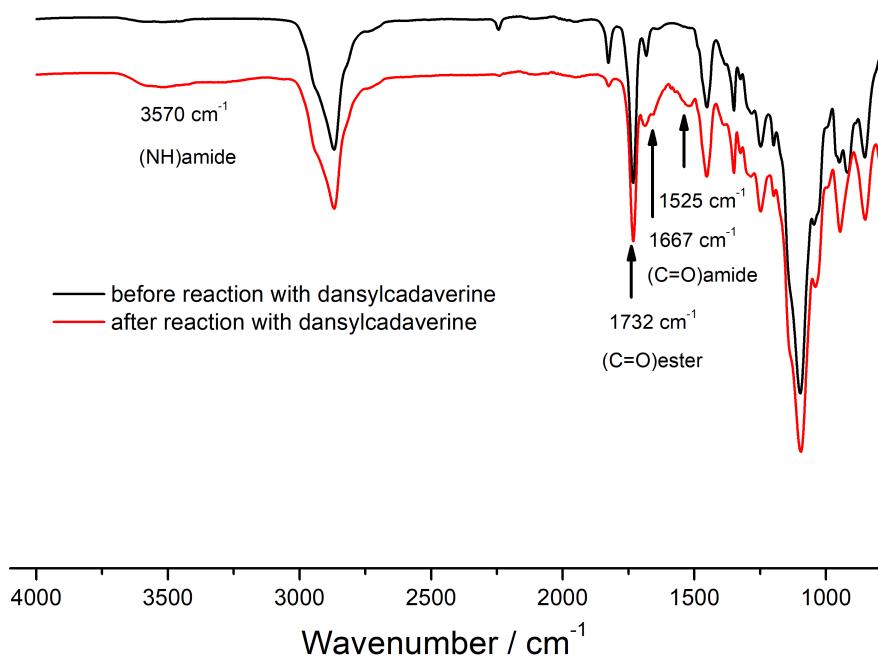


Figure S10: IR spectra of P(PEGA-*co*-(5)) (black) before and (red) after reaction with dansylcadaverine.