

Electronic supplementary information (ESI)

Self-crosslinkable and modifiable polysiloxanes possessing Meldrum's acid groups

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Spectral characterization of MA-functionalized PDMS (MA-PDMS-8)

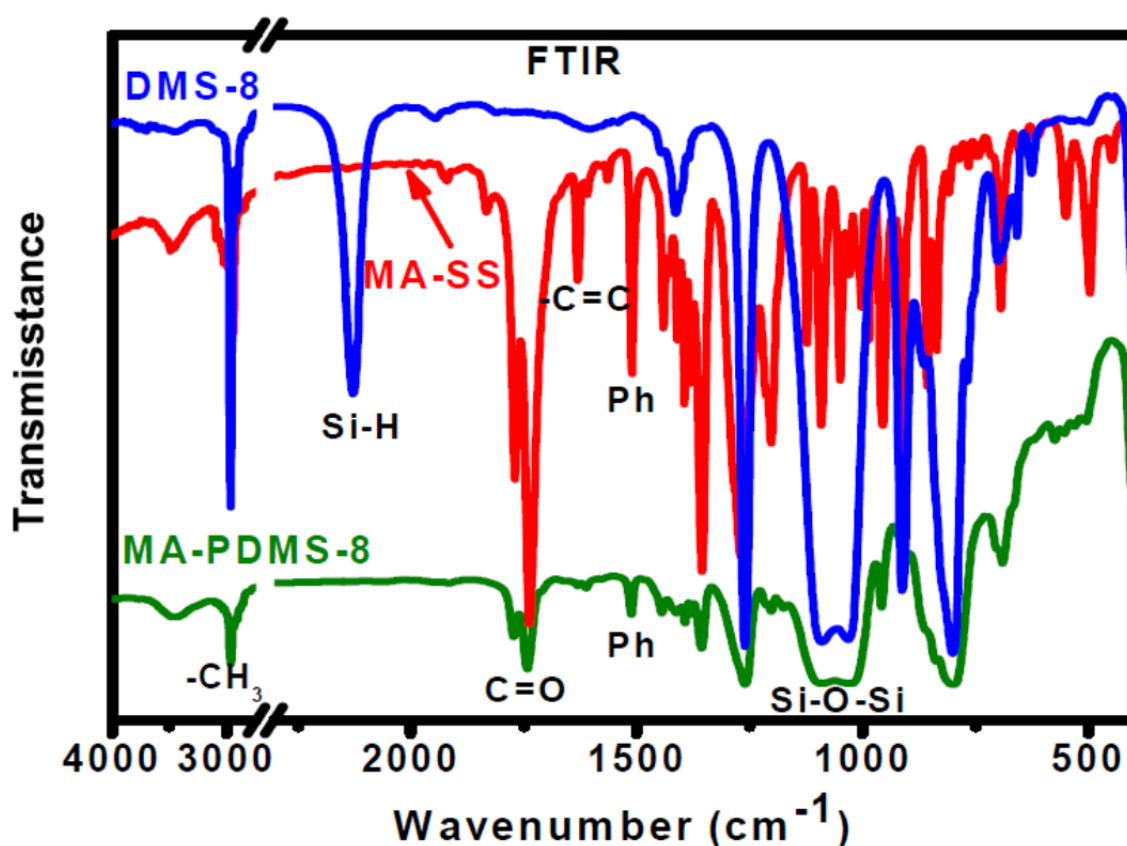


Figure S1. FTIR spectra of MA-PDMS-8 and its precursors (DMS-8 and MA-SS) tracing the reaction between DMS-8 and MA-SS and characterizing the chemical structure of MA-PDMS-8

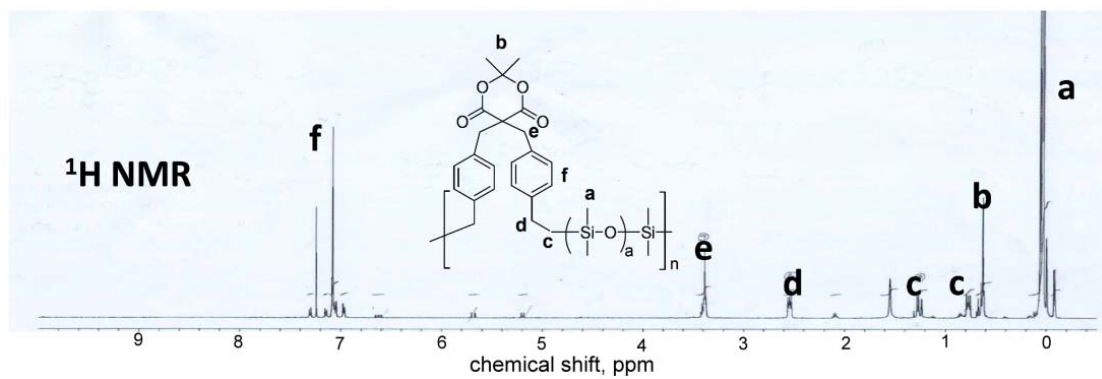


Figure S2. ¹H NMR spectrum of MA-PDMS-8.

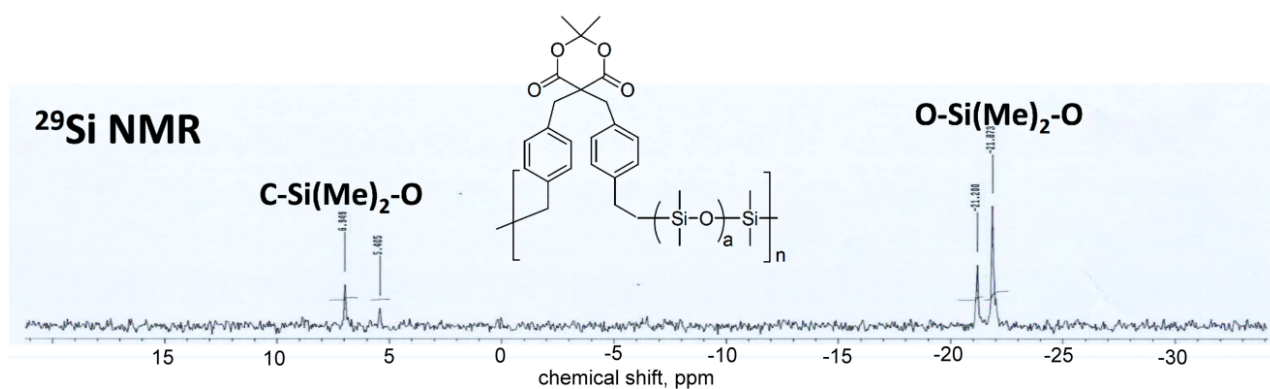


Figure S3. ²⁹Si NMR spectrum of MA-PDMS-8.

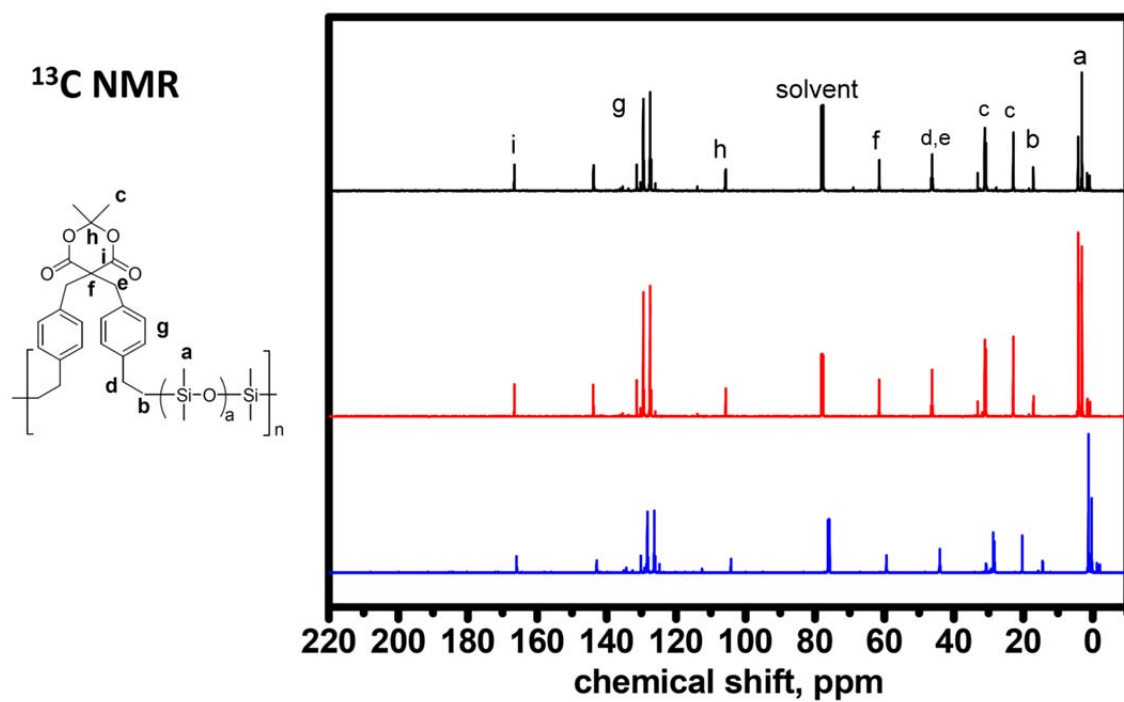


Figure S4. ¹³C NMR spectra of MA-PDMS-X samples.

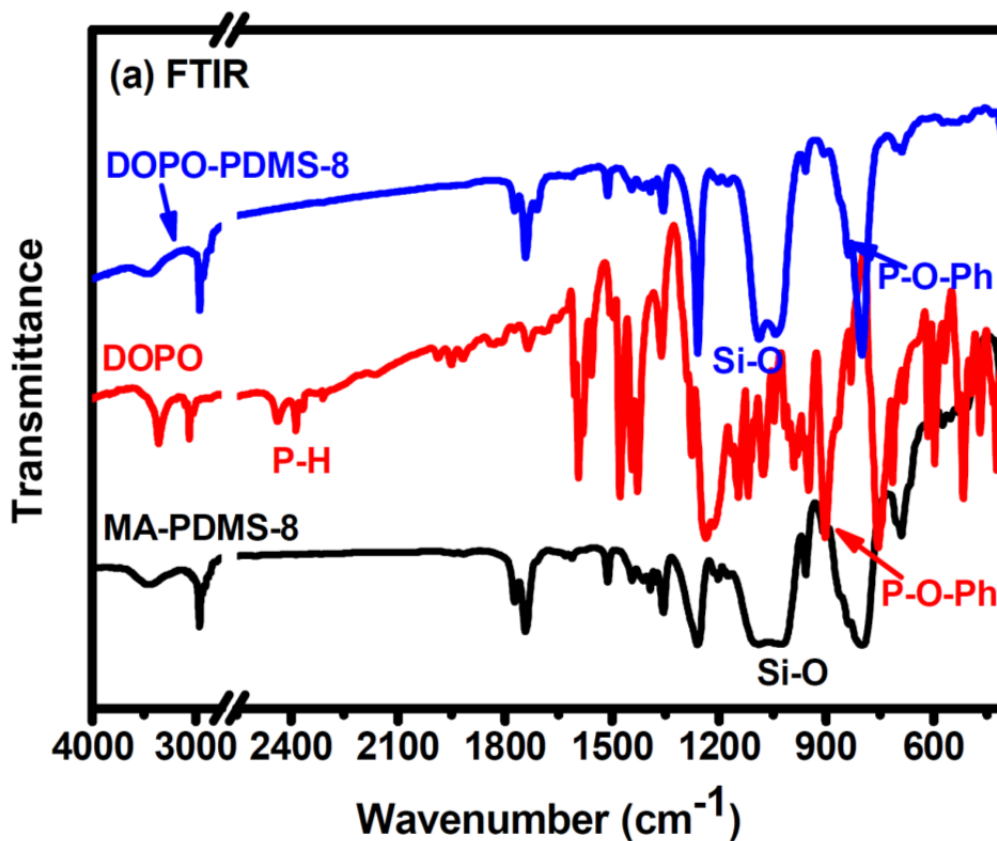


Figure S5. FTIR spectra of DOPO-PDMS-8 and its precursors (MA-PDMS-8 and DOPO) tracing the reaction between MA-PDMS-8 and DOPO and characterizing the chemical structure of DOPO-PDMS-8

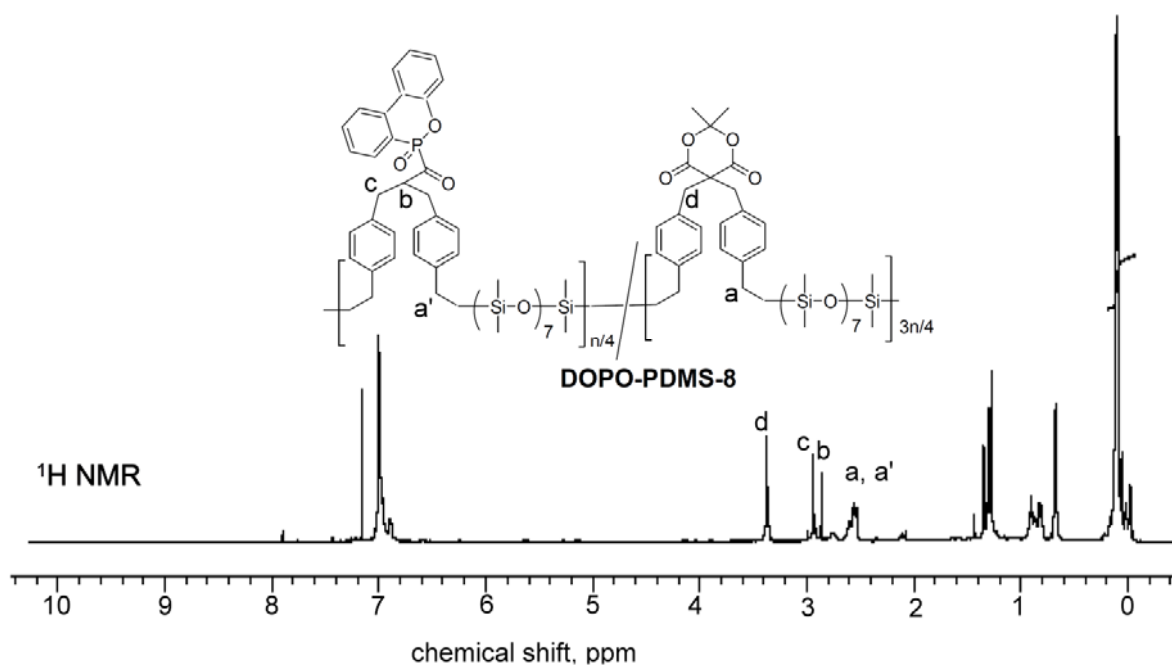


Figure S6. ^1H NMR spectrum of DOPO-PDMS-8.

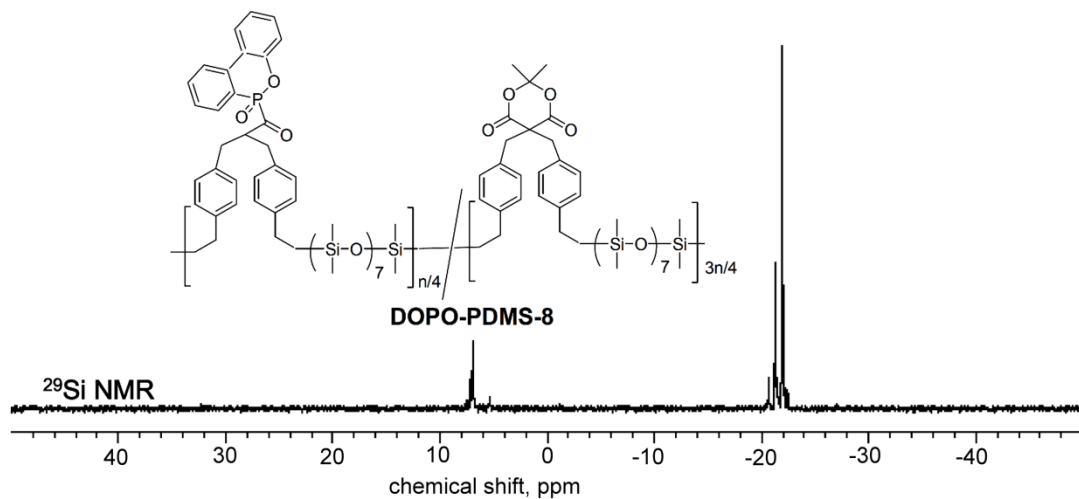


Figure S7. ²⁹Si NMR spectrum of DOPO-PDMS-8.

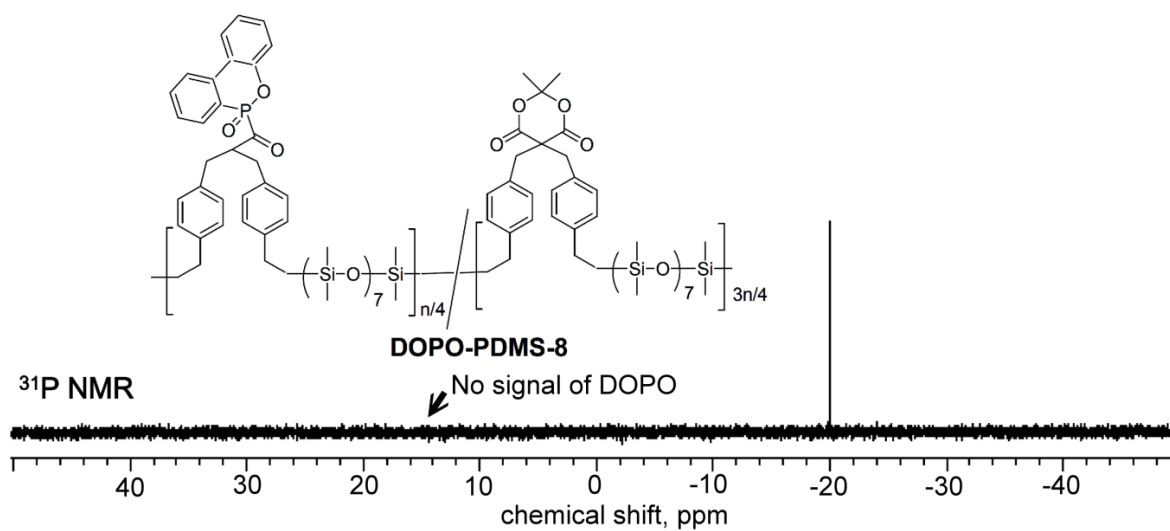


Figure S8. ³¹P NMR spectrum of DOPO-PDMS-8.