

Supporting Information for

**Preparation and characterization of silicone rubber cured via catalyst-free aza-Michael reaction**

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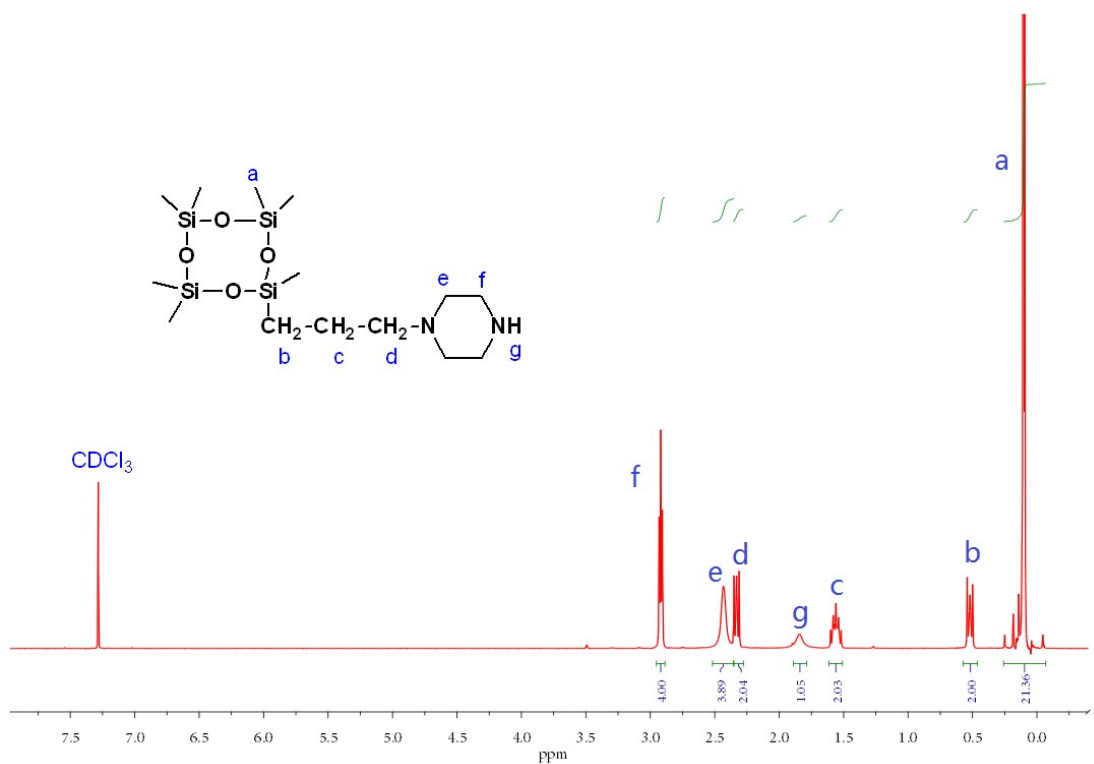


Figure 1.  $^1H$  NMR spectra of  $D_3D^{PyP}$  in  $CDCl_3$ .

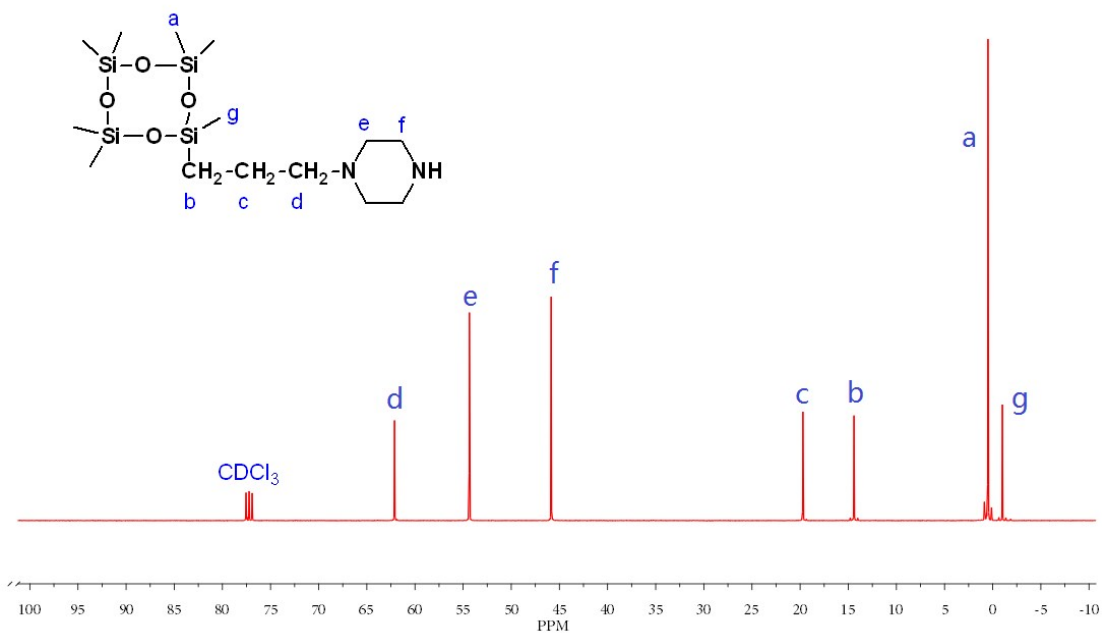
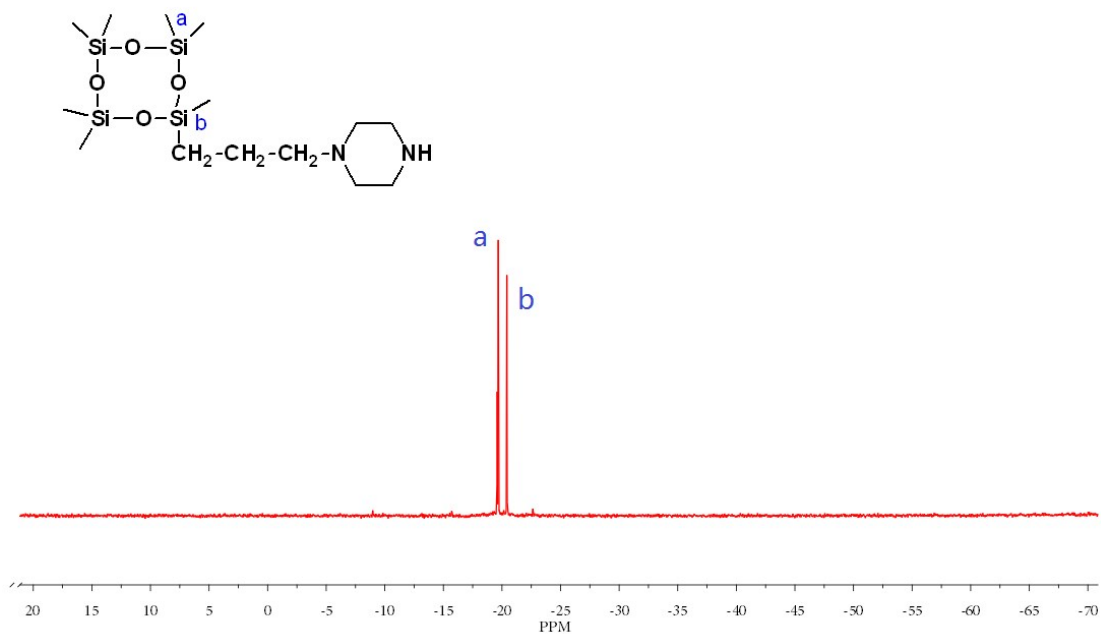
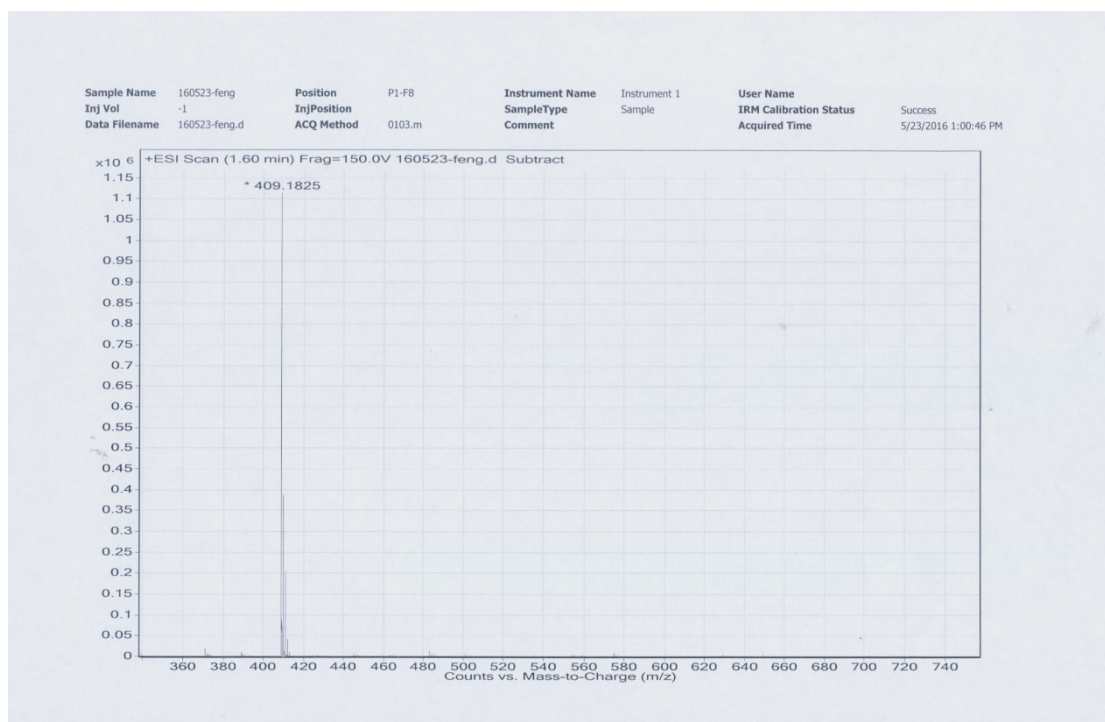


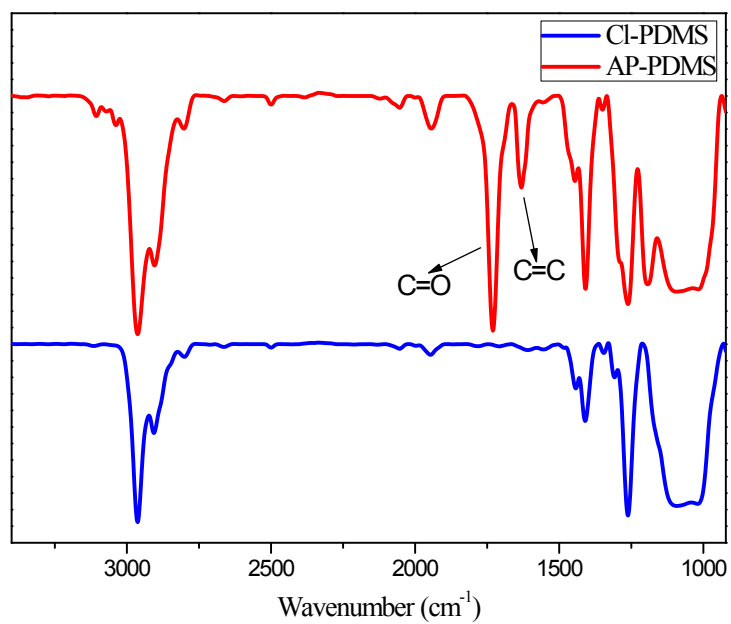
Figure 2.  $^{13}C$  NMR spectra of  $D_3D^{PyP}$  in  $CDCl_3$ .



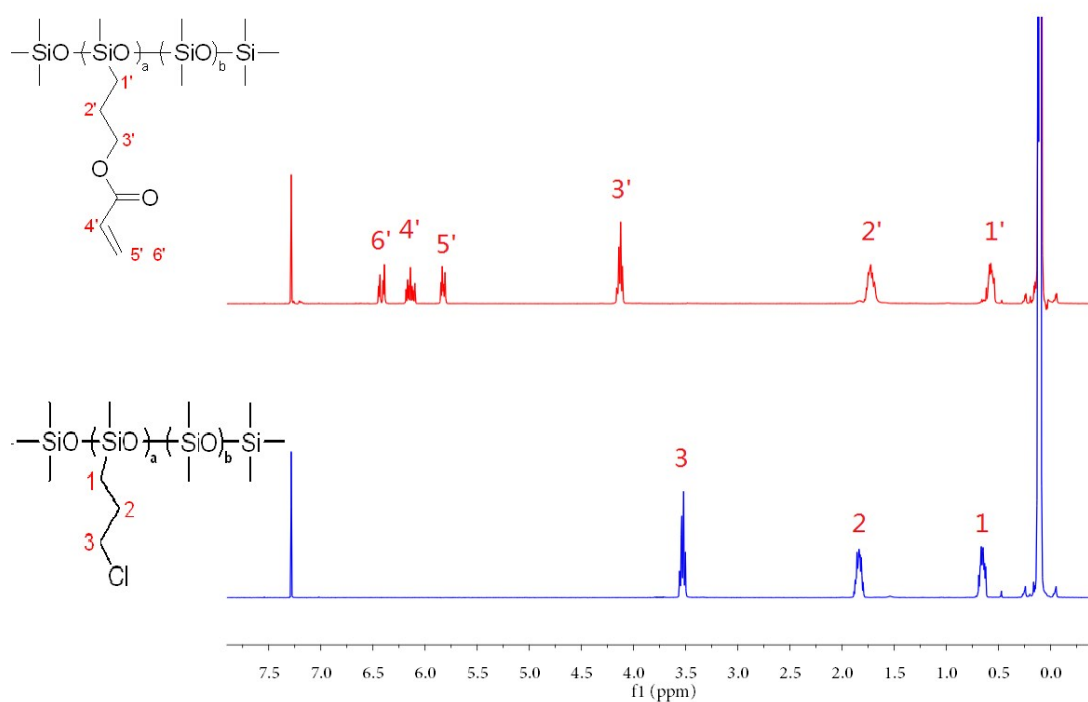
**Figure 3.**  $^{29}Si$  NMR spectra of  $D_3D^{PyP}$  in  $CDCl_3$ .



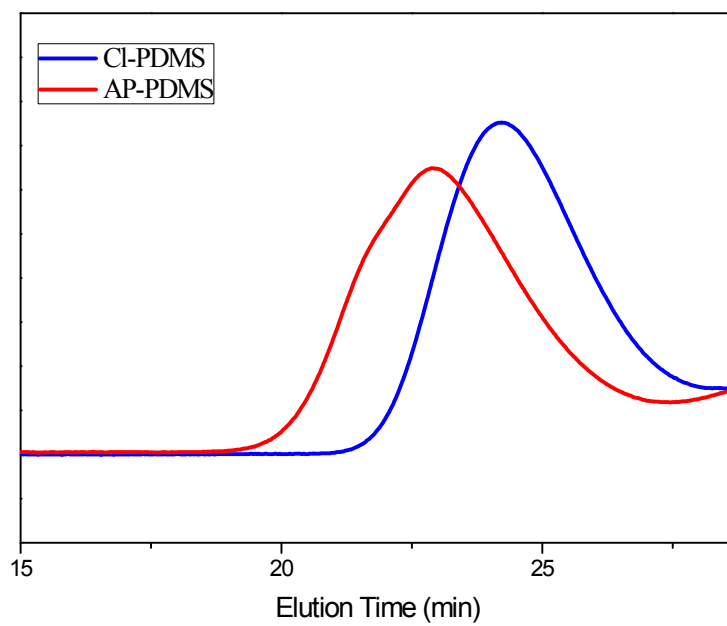
**Figure 4.** Copy of mass spectrum of  $D_3D^{PyP}$ .



**Figure 5.** Comparison FT-IR spectra of AP-PDMS and Cl-PDMS.



**Figure 6.** Comparison  $^1\text{H}$  NMR spectra of AP-PDMS and Cl-PDMS.



**Figure 7.** GPC traces of AP-PDMS and CI-PDMS.