

Supporting Information for

**Preparation and characterization of silicone rubber with high modulus
via tension spring-type crosslinking**

Linglong Feng, Shusheng Li and Shengyu Feng*

Key Laboratory of Special Functional Aggregated Materials, Ministry of Education,

School of Chemistry and Chemical Engineering,

Shandong University, Jinan, 250100, People's Republic of China.

E-mail: fsy@sdu.edu.cn;

Fax: +86-531-88564464;

Tel: +86-531-88364866

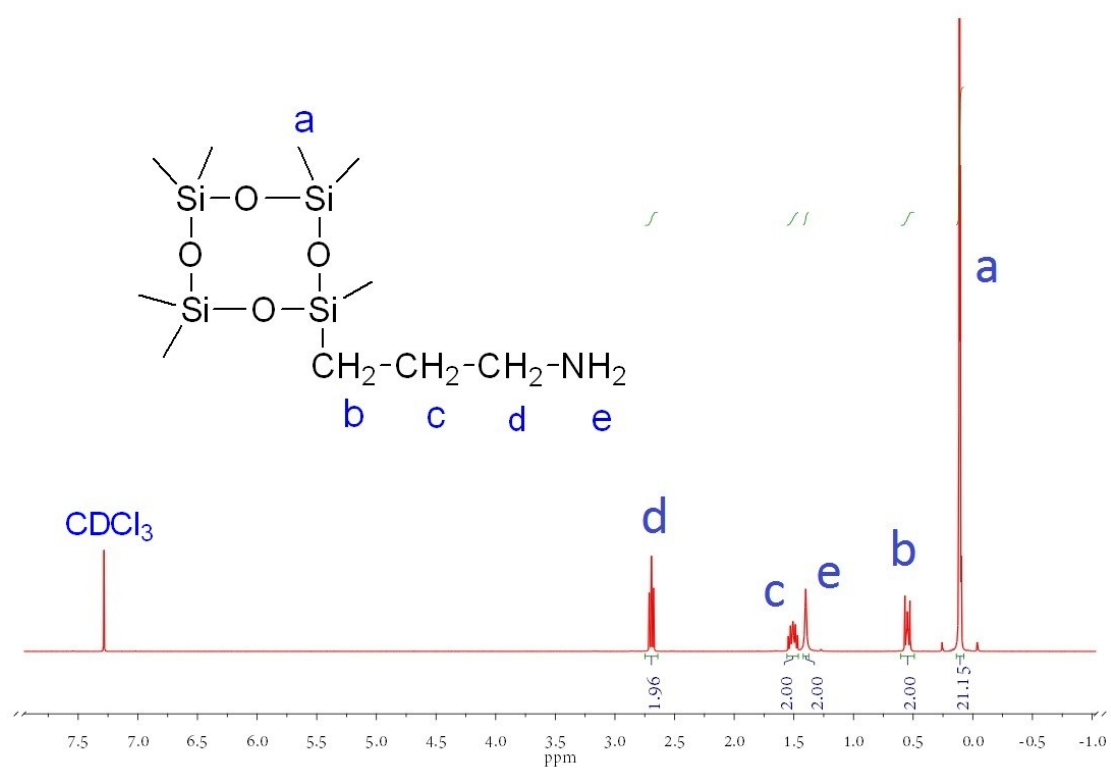


Fig. 1 ^1H NMR spectra of $\text{D}_3\text{D-NH}_2$ in CDCl_3 .

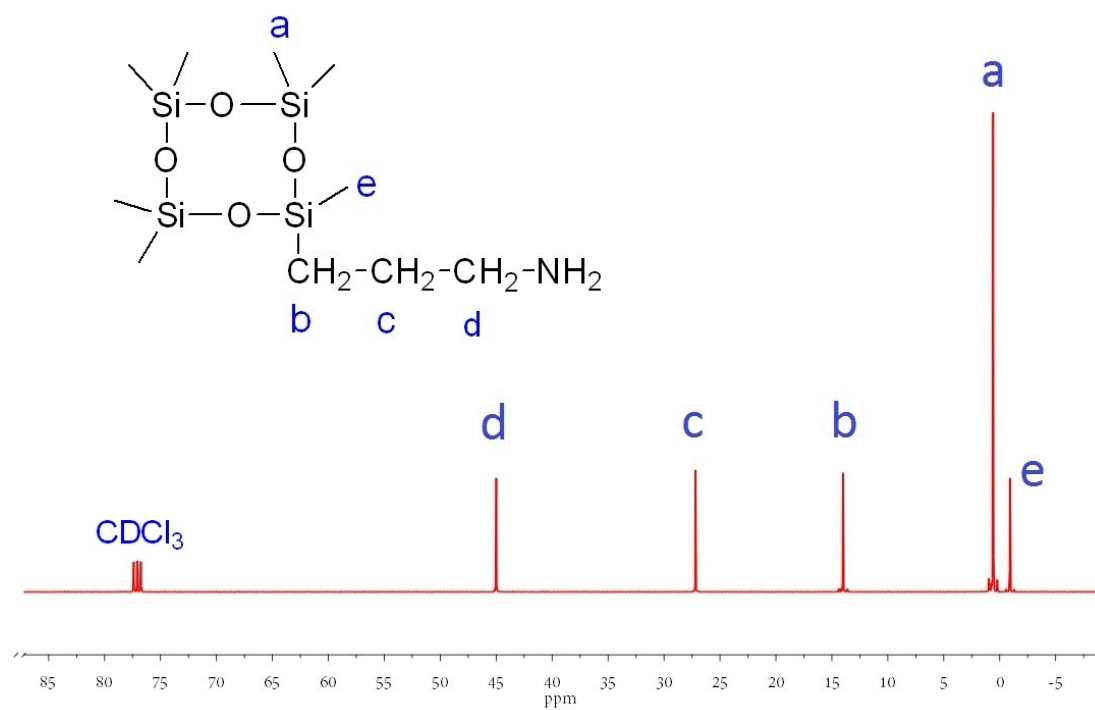


Fig. 2 ^{13}C NMR spectra of $\text{D}_3\text{D-NH}_2$ in CDCl_3 .

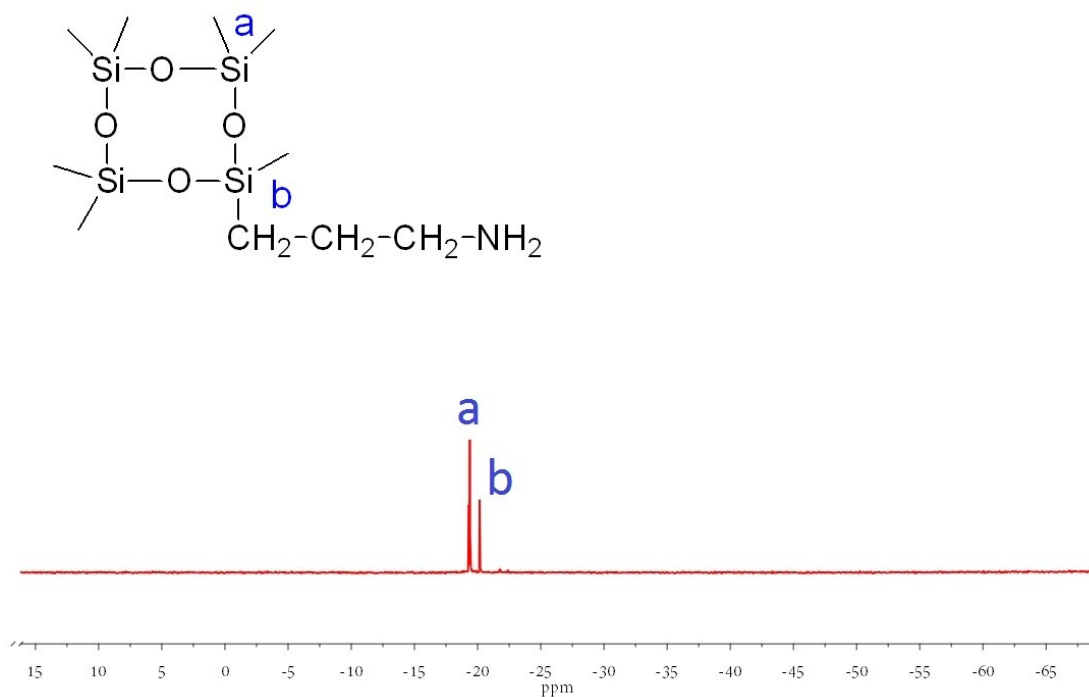


Fig. 3 ^{29}Si NMR spectra of $\text{D}_3\text{D-NH}_2$ in CDCl_3 .

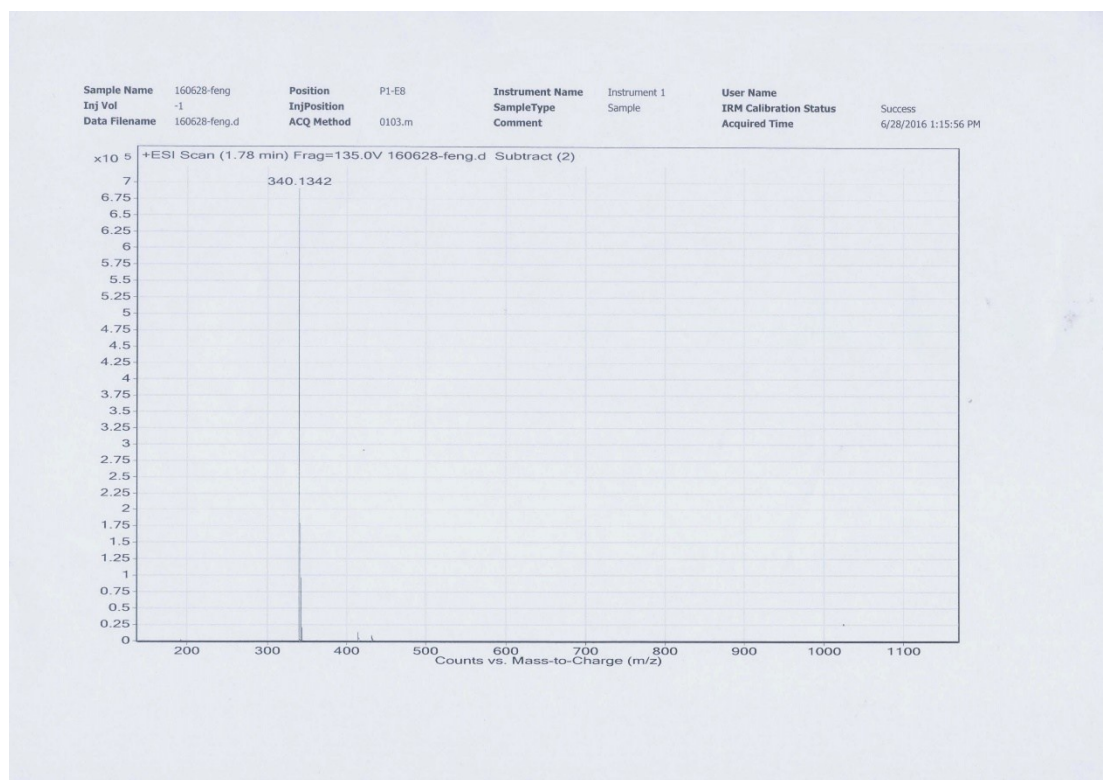


Fig. 4 Copy of mass spectrum of $\text{D}_3\text{D-NH}_2$.

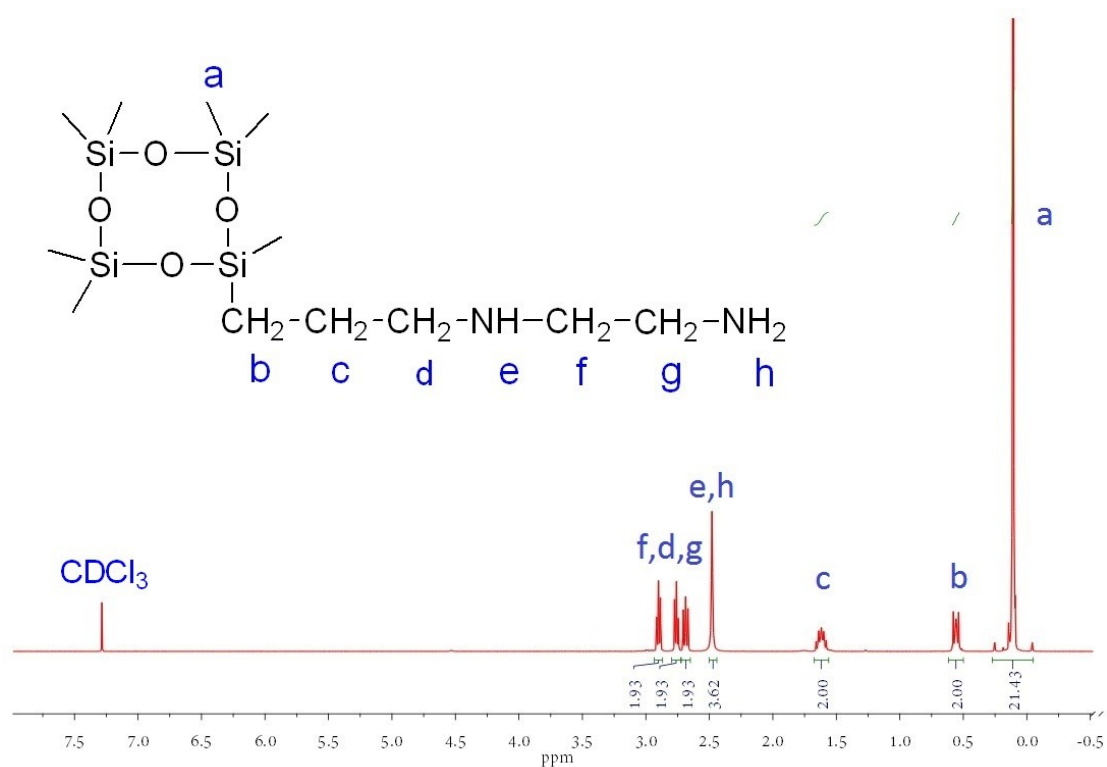


Fig. 5 ¹H NMR spectra of $\text{D}_3\text{D-NHCH}_2\text{CH}_2\text{NH}_2$ in CDCl_3 .

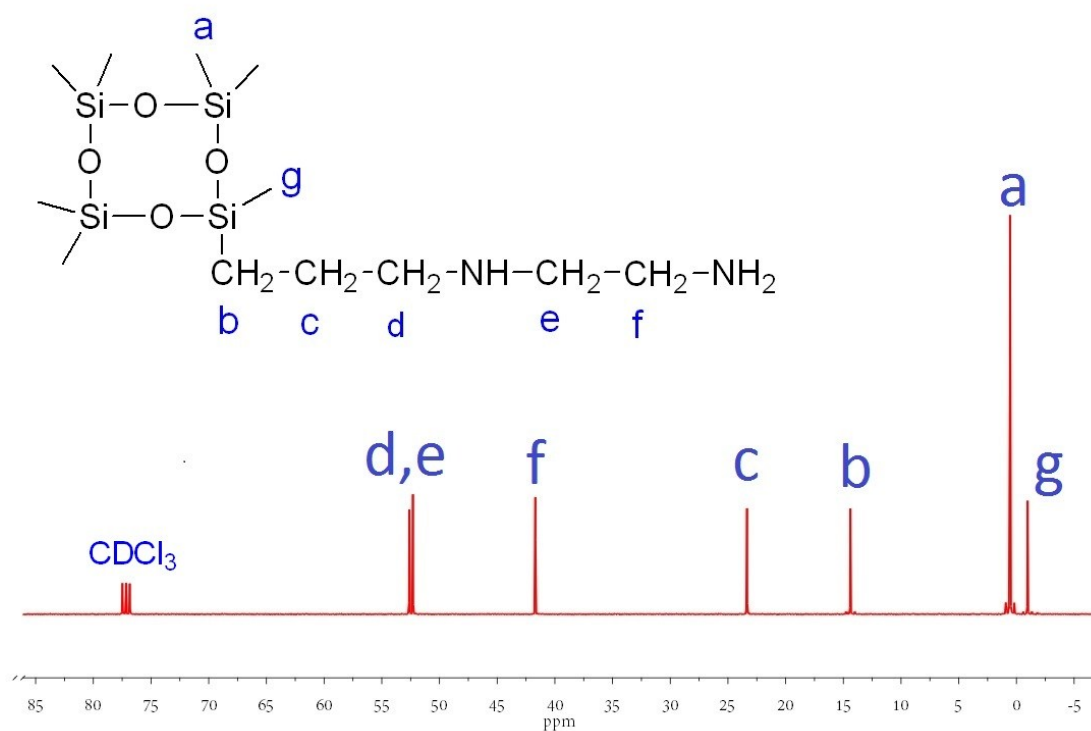


Fig. 6 ¹³C NMR spectra of $\text{D}_3\text{D-NHCH}_2\text{CH}_2\text{NH}_2$ in CDCl_3 .

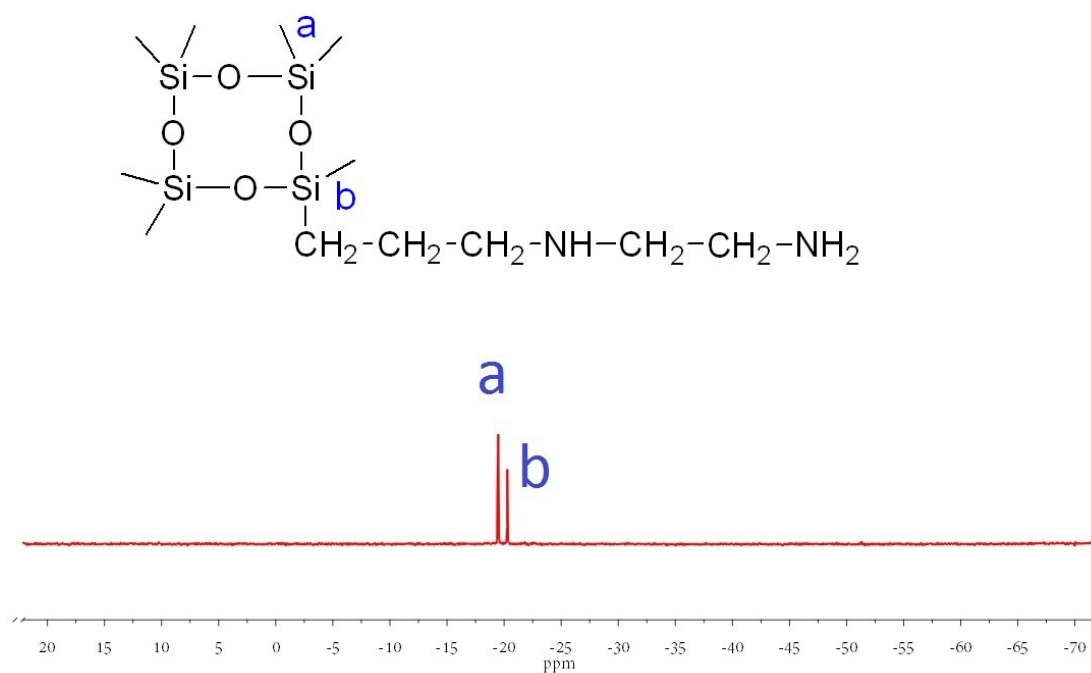


Fig. 7 ^{29}Si NMR spectra of $\text{D}_3\text{D-NHCH}_2\text{CH}_2\text{NH}_2$ in CDCl_3 .



Fig. 8 Copy of mass spectrum of $\text{D}_3\text{D-NHCH}_2\text{CH}_2\text{NH}_2$.