

Synthesis and Characterization of Polyurethanes Bearing Carbosilane Segments

Supporting information

Ayumu Karimata¹, Kouzou Matsumoto^{1,2}, Takeshi Endo¹

¹Molecular Engineering Institute, Kindai University, 11-6 Kayanomori, Iizuka, Fukuoka, Japan

²Department of Biological & Environmental Chemistry, Kindai University, 11-6 Kayanomori, Iizuka, Fukuoka, Japan

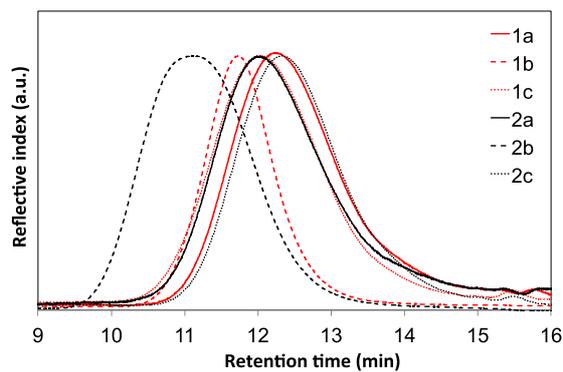
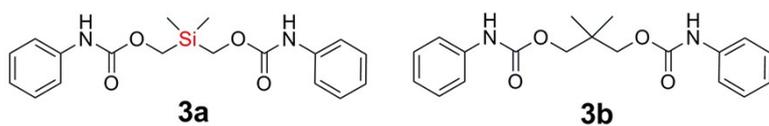


Figure S1 SEC traces of **1a–c** and **2a–c** (DMF solution of LiBr (10 mM)).



Scheme S1 Chemical structures of model compounds **3a** and **3b**.

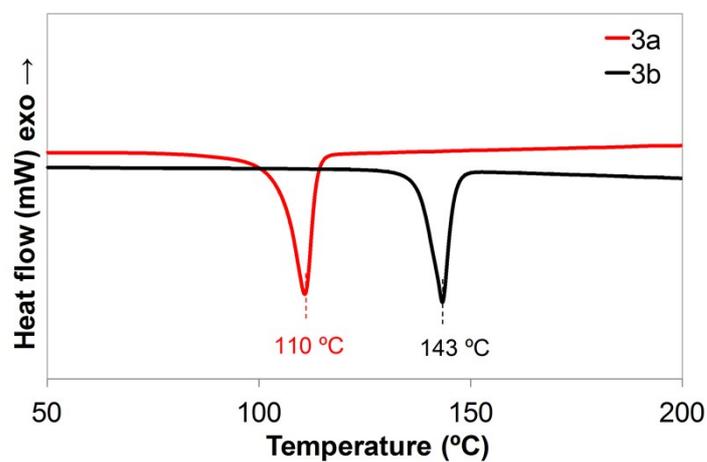


Figure S2 DSC scans of compounds **3a** and **3b**.

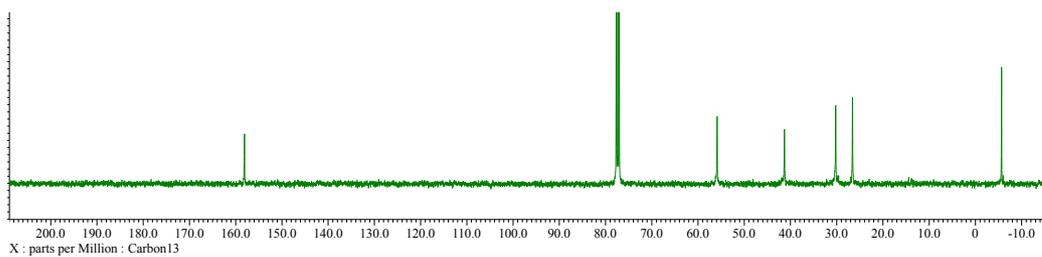


Figure S3 ^{13}C NMR spectrum of **1a** in CDCl_3 .

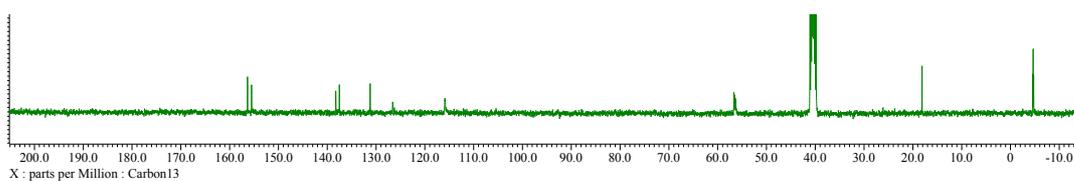


Figure S4 ^{13}C NMR spectrum of **1b** in $\text{DMSO-}d_6$.

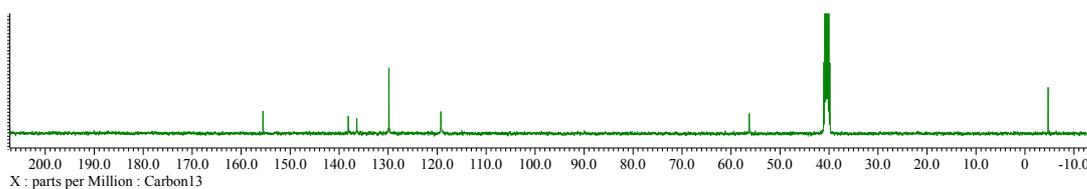


Figure S5 ^{13}C NMR spectrum of **1c** in $\text{DMSO-}d_6$.

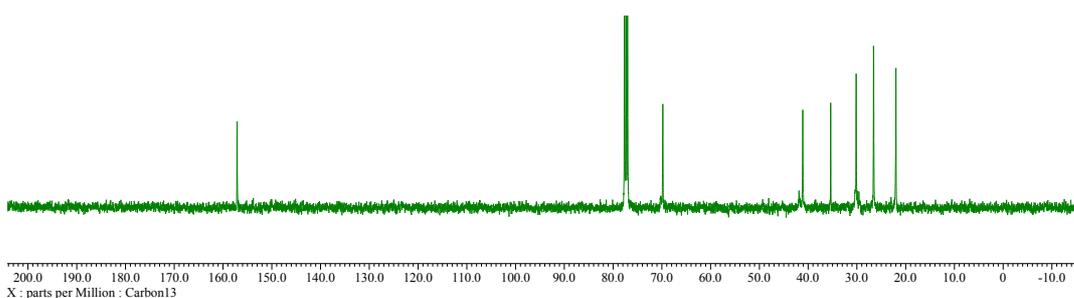


Figure S6 ^{13}C NMR spectrum of **2a** in CDCl_3 .

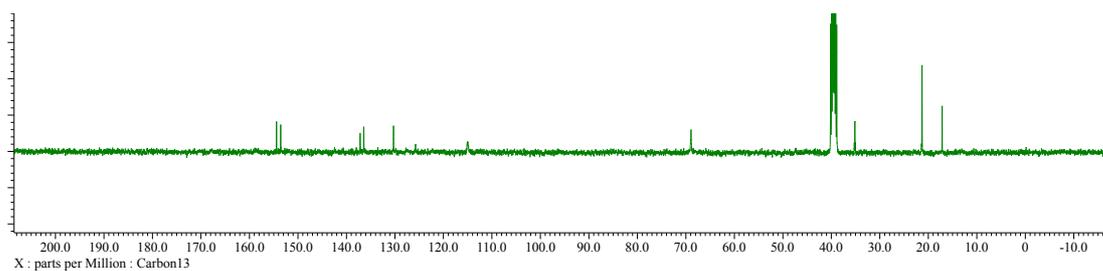


Figure S7 ^{13}C NMR spectrum of **2b** in $\text{DMSO-}d_6$.

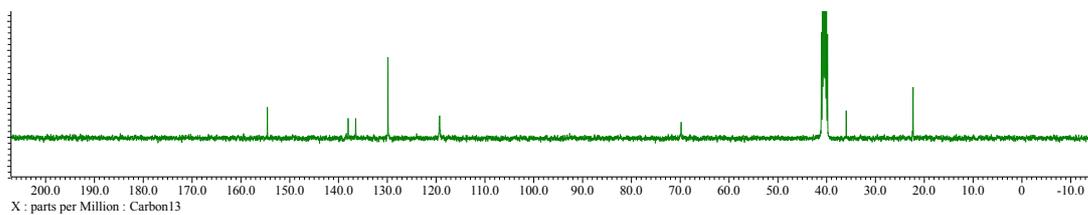


Figure S8 ^{13}C NMR spectrum of **2c** in $\text{DMSO-}d_6$.