

SUPPLEMENTARY MATERIAL TO  
**Synthesis, structure and thermogravimetric analysis of  
 $\alpha,\omega$ -telechelic polydimethylsiloxanes of low molecular weight**

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TABLE S-I. Bulk viscosities and calculated molecular weights of PDMS standards

Standard sample	$\eta_o$ / mPa s	$\bar{M}(\eta_o)$ / g mol <sup>-1</sup>
B1	5.4	940
B2	10.1	1360
B3	50.5	3270
B4	98	6490
B5	480	18680
B6	955	25910
B7	4860	47710

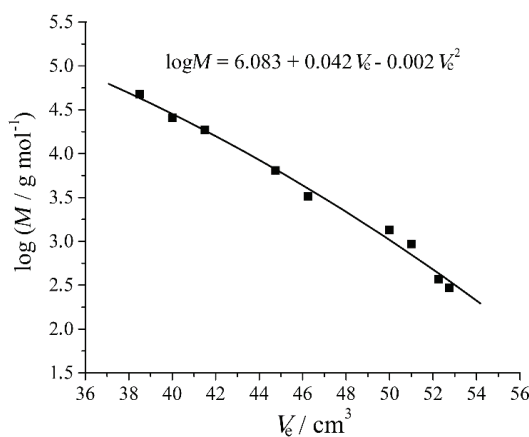


Fig. S-1. Calibration curve for GPC.

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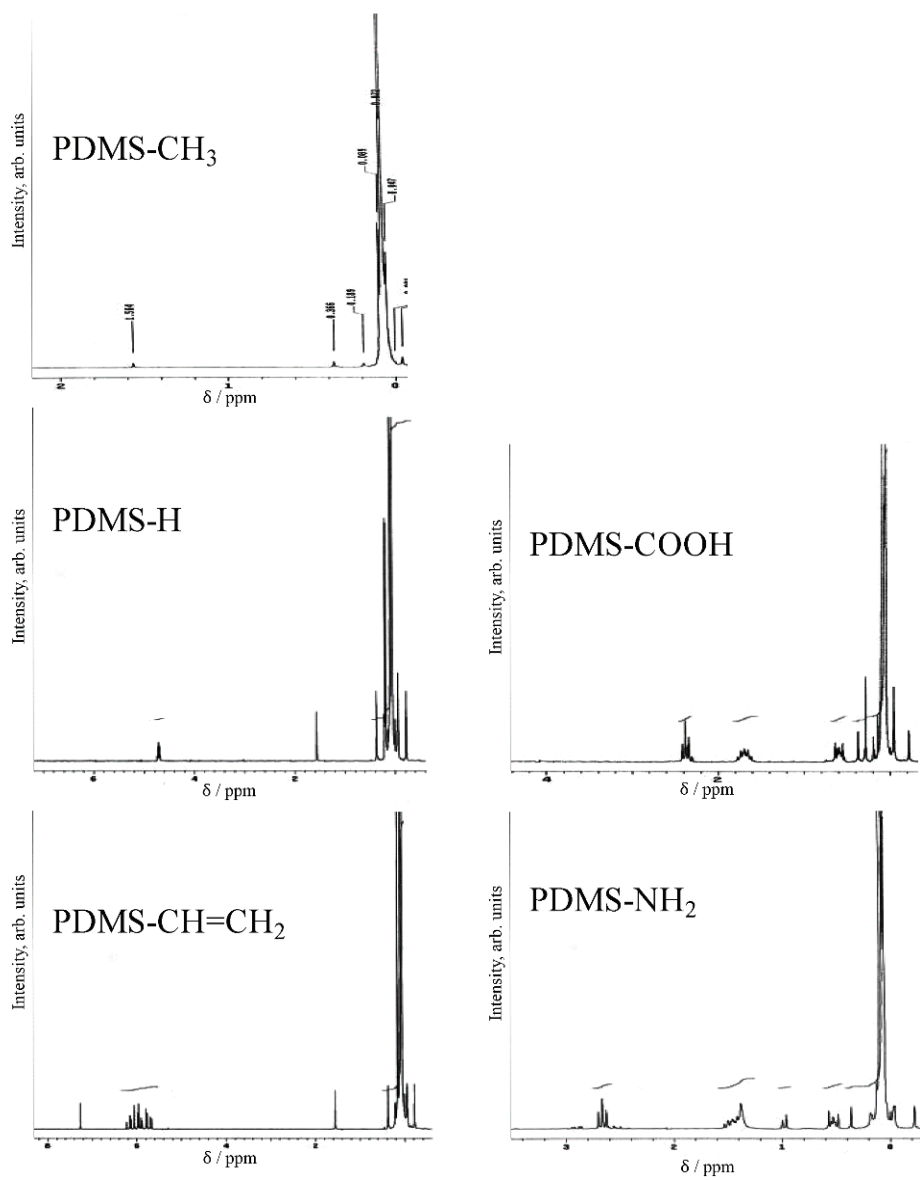


Fig. S-2.  $^1\text{H-NMR}$  spectra of  $\alpha, \omega$ -telechelic PDMSs.

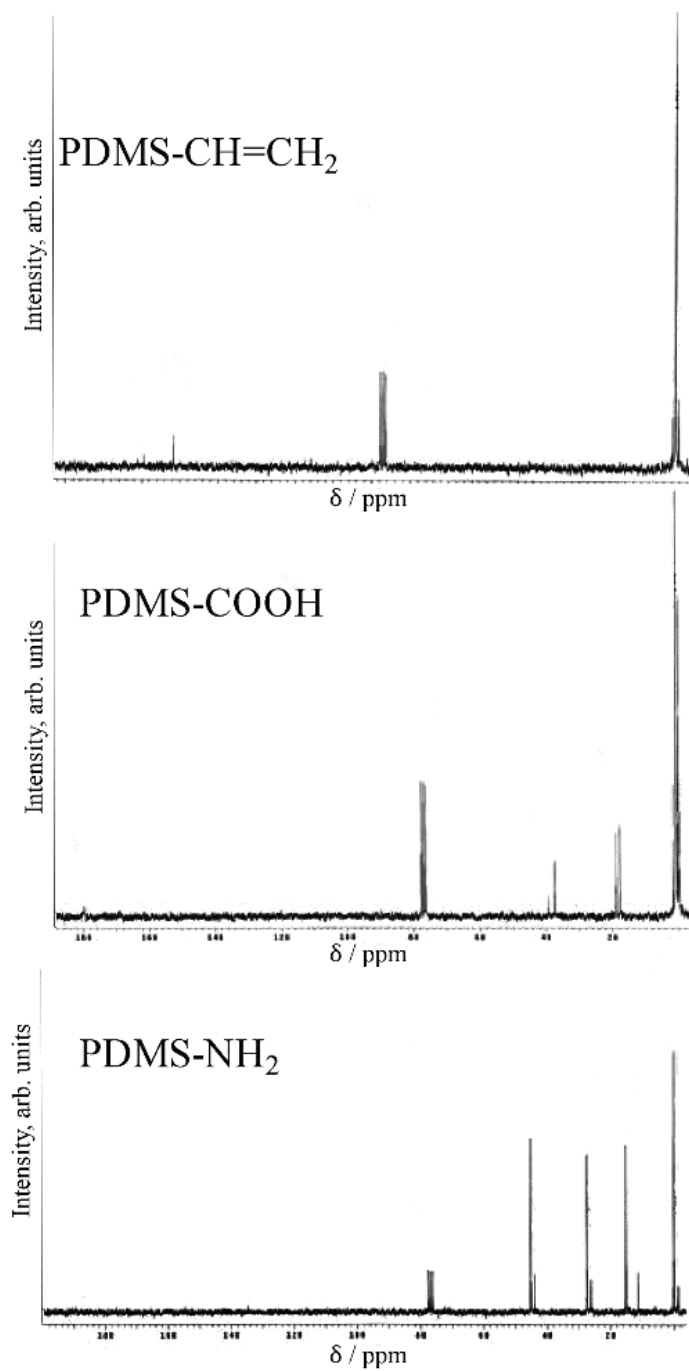


Fig. S-3.  $^{13}\text{C}$ -NMR spectra of  $\alpha, \omega$ -telechelic PDMSs.

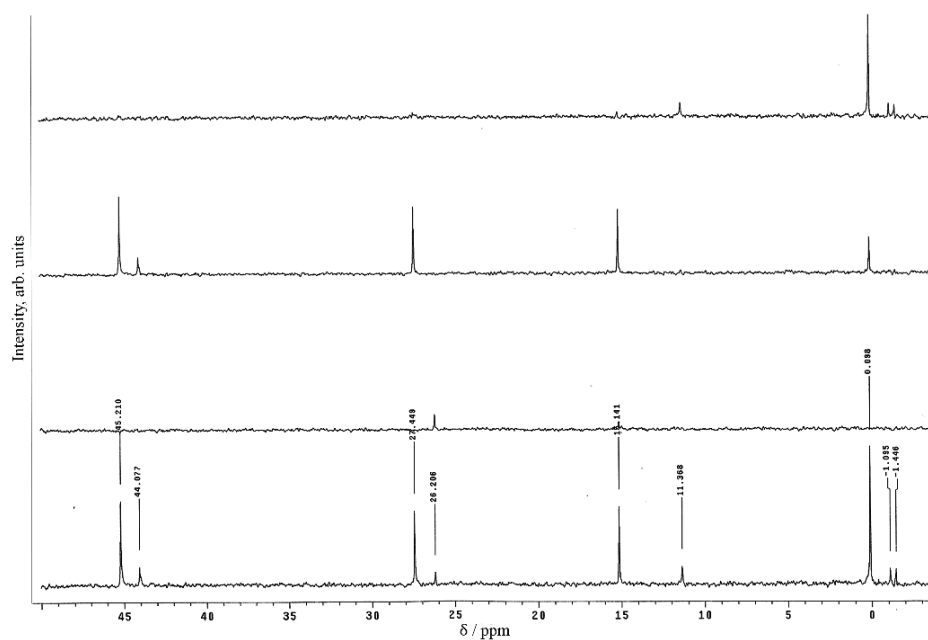


Fig. S-4. DEPT spectrum of 1,3-bis(3-aminopropyl)tetramethyldisiloxane.