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

|  |  |  |
| --- | --- | --- |
| Standard  sample | ηo */* cSt | (ηo) / g mol-1 |
| 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



Fig. S-2. 1H NMR Spectra of α,ω-telechelic PDMSs



Fig. S-3. 13C NMR Spectra of α,ω-telechelic PDMSs



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