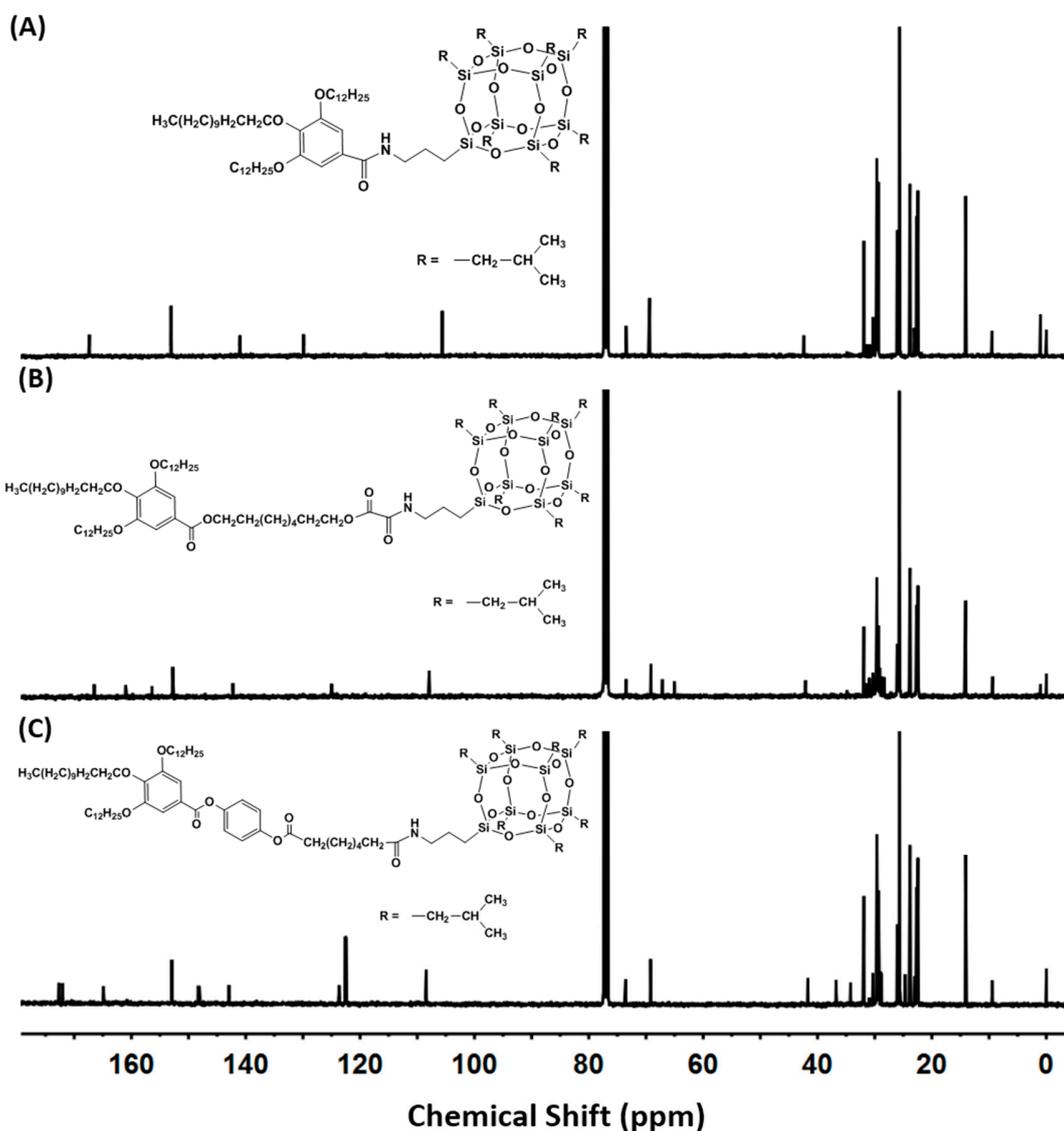


## Supplementary Materials

# Synthesis and Self-assembly of Shape Amphiphiles Based on POSS-Dendron Conjugates

Yu Shao, Minyuan Ding, Fangjia Zhao, Hui Dai, Xia-Ran Miao, Shuguang Yang, Hui Li



**Figure S1.**  $^{13}\text{C}$ -NMR spectrum of BPOSS-GAD-1 (A), BPOSS-GAD-2 (B) and BPOSS-GAD-3 (C).

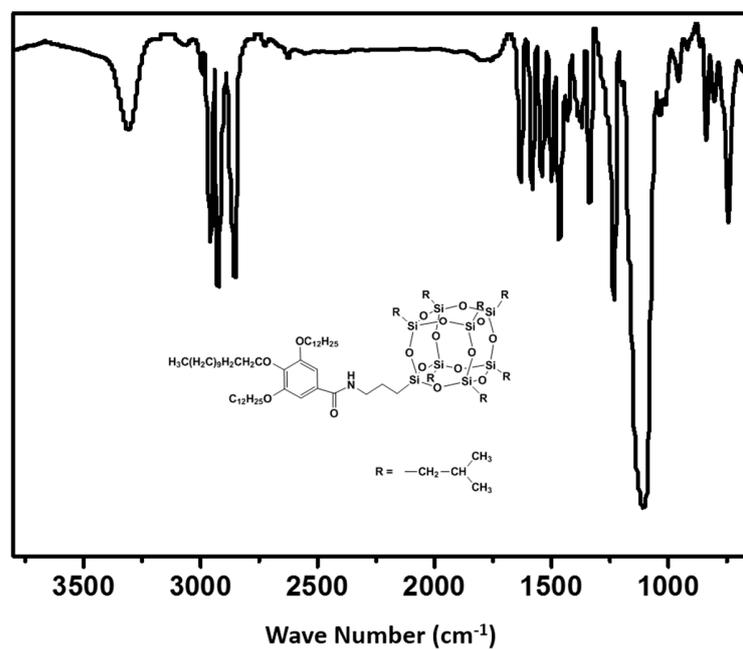


Figure S2. FT-IR spectrum of BPOSS-GAD-1

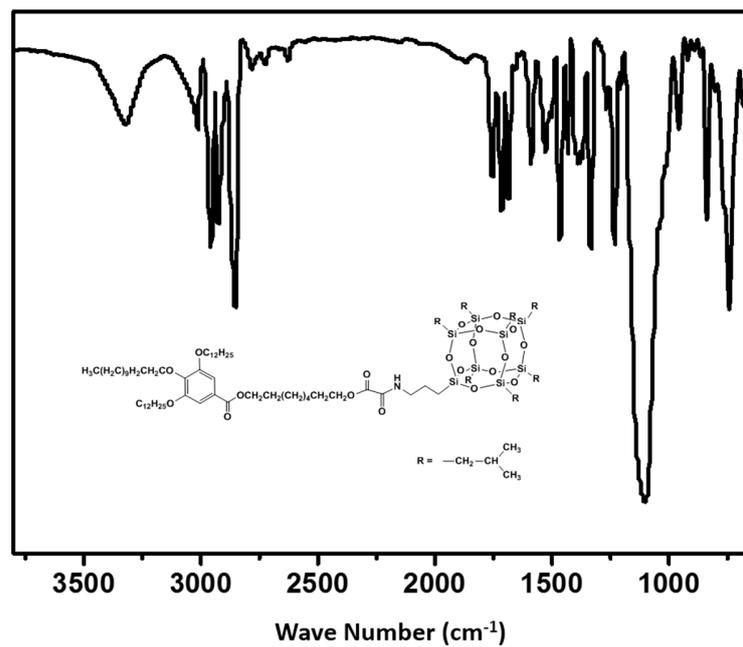
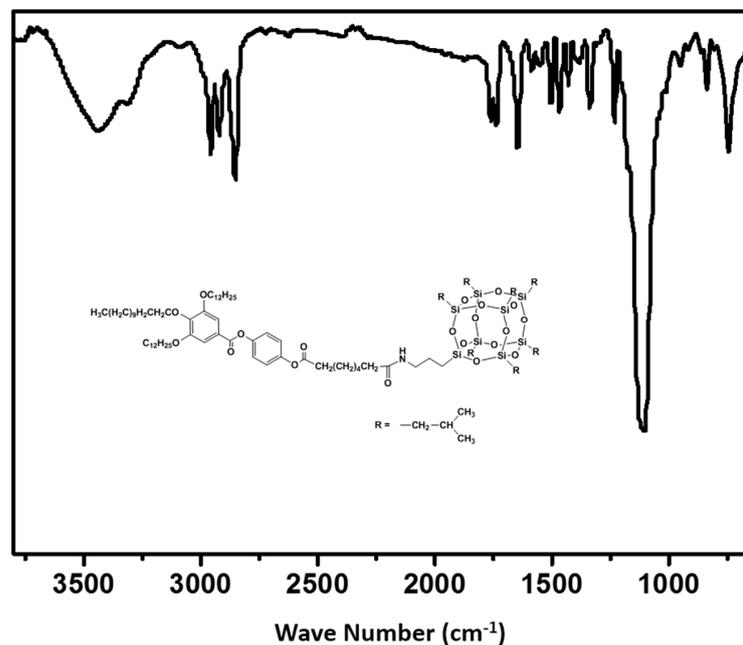
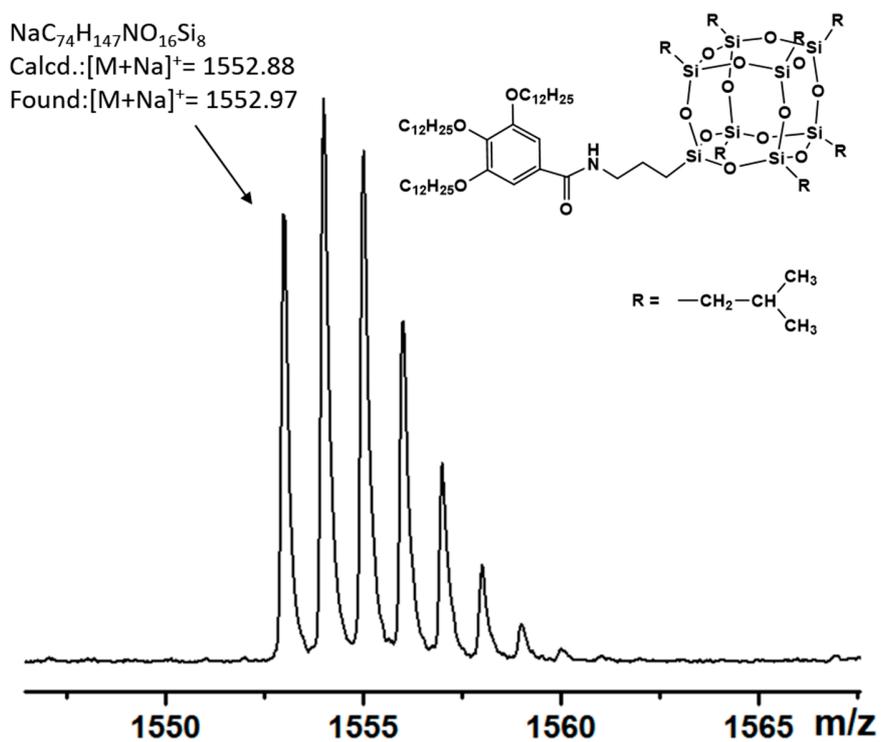


Figure S3. FT-IR spectrum of BPOSS-GAD-2



**Figure S4.** FT-IR spectrum of BPOSS-GAD-3



**Figure S5.** MALDI-TOF MS spectrum of BPOSS-GAD-1

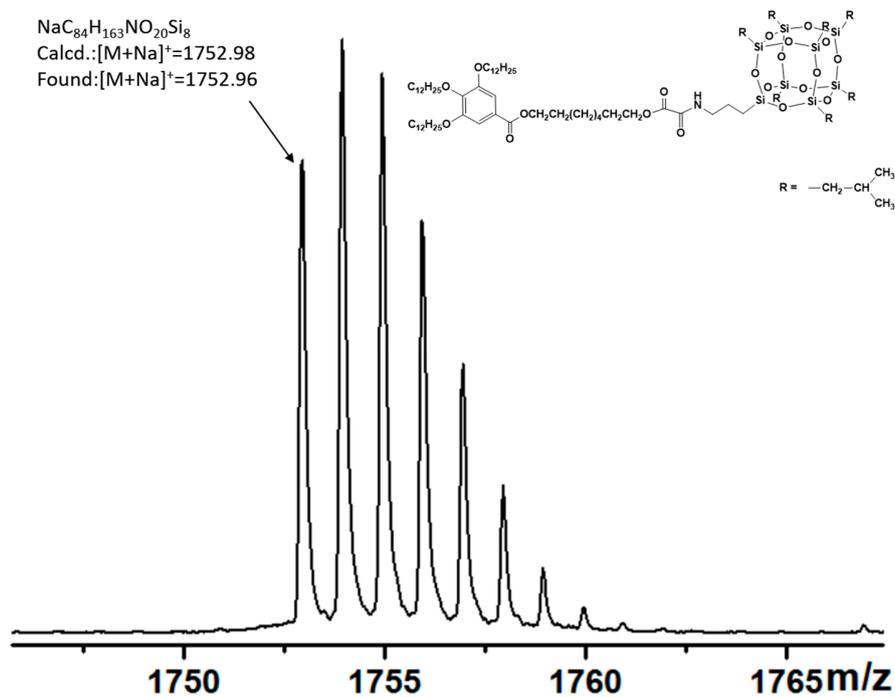


Figure S6. MALDI-TOF MS spectrum of BPOSS-GAD-2

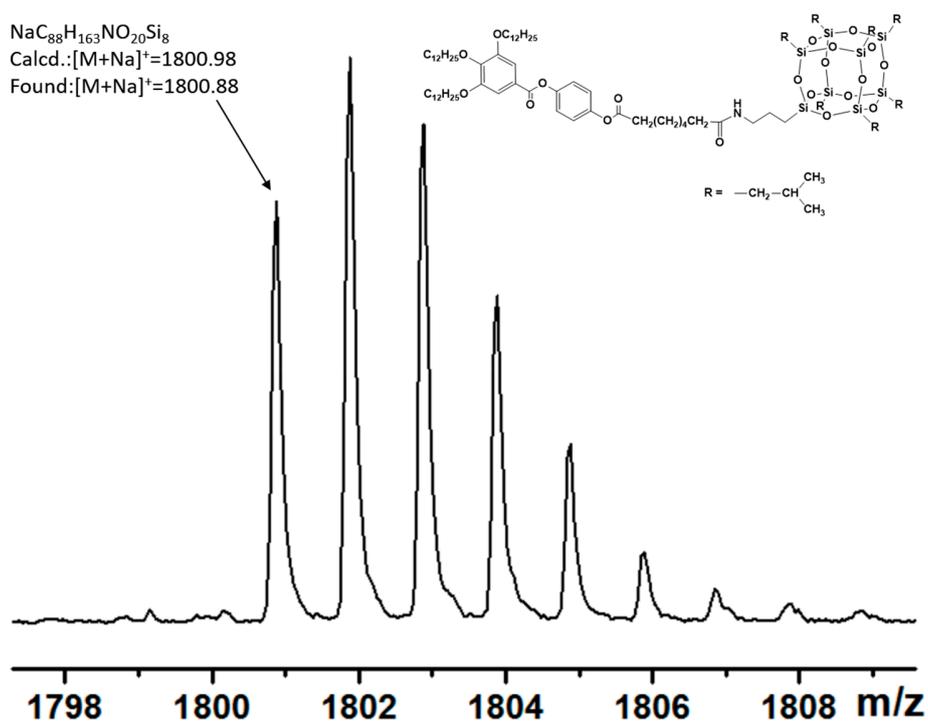
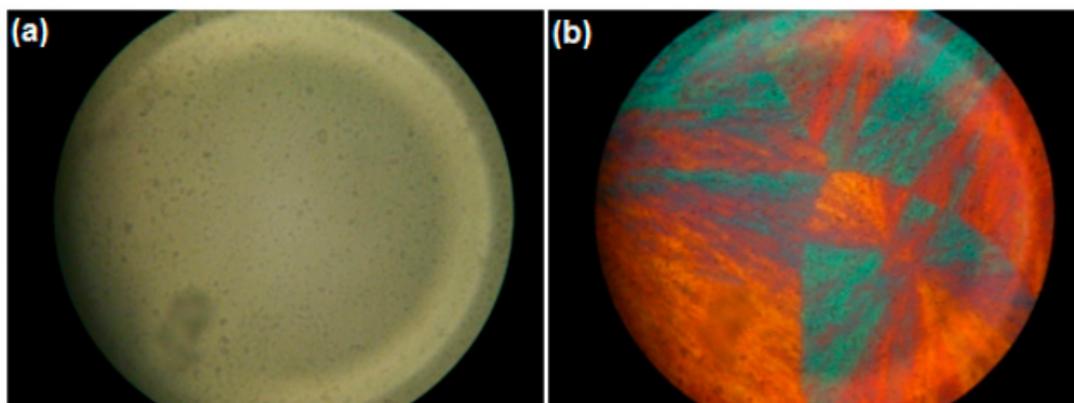
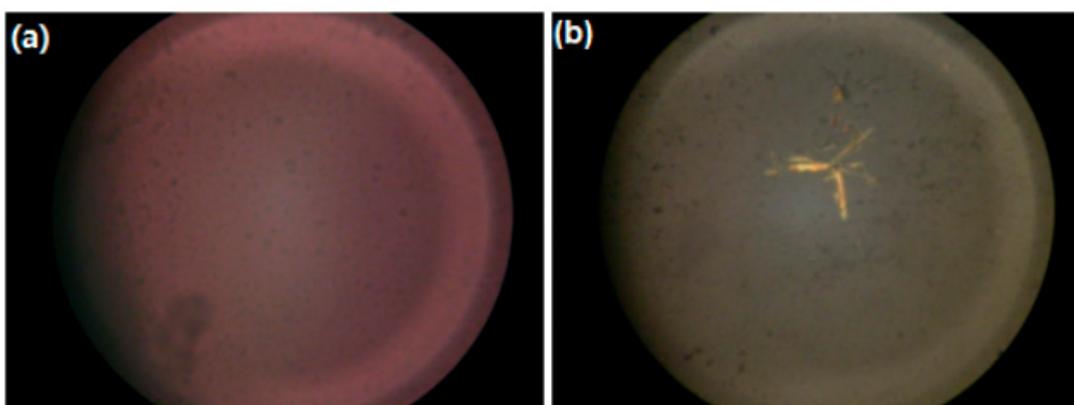


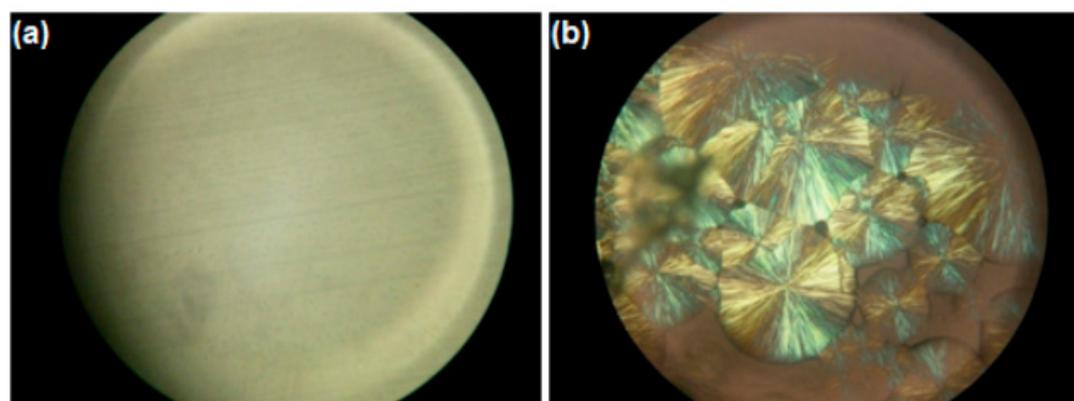
Figure S7. MALDI-TOF MS spectrum of BPOSS-GAD-3



**Figure S8.** PLM pictures of BPOSS-GAD-1, (a) 180 °C and (b) 30 °C.



**Figure S9.** PLM pictures of BPOSS-GAD-2, (a) 180 °C and (b) 30 °C.



**Figure S10.** PLM pictures of BPOSS-GAD-3, (a) 180 °C and (b) 30 °C.