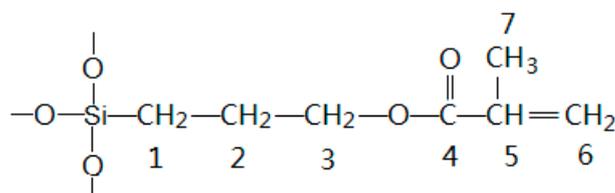
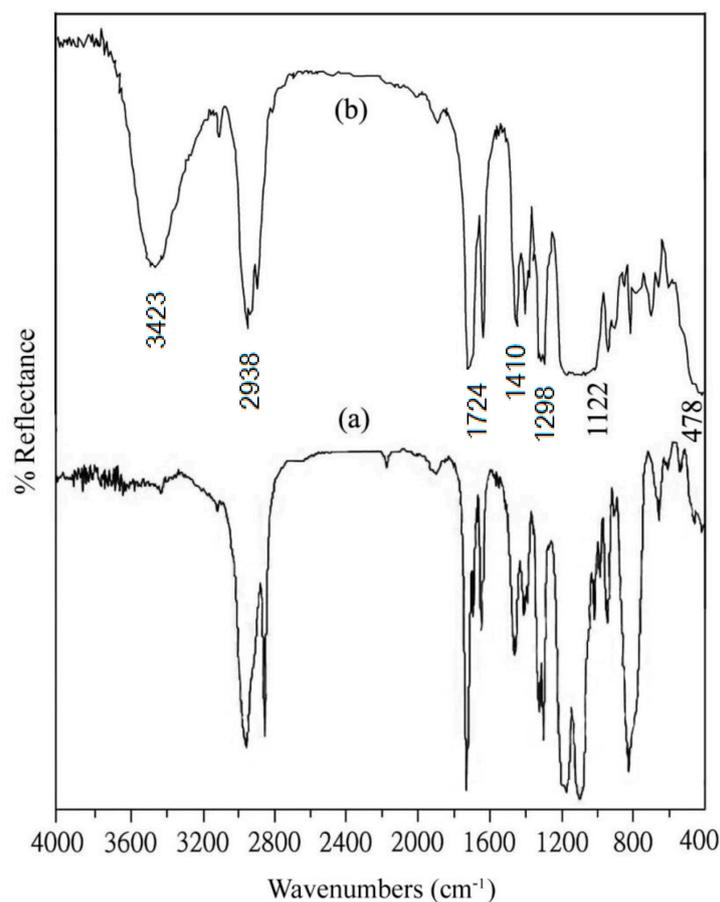


# Supplementary Materials: Hedgehog Buckyball: A High-Symmetry Complete Polyhedral Oligomeric Silsesquioxane (POSS)

Yu Hu, You Wang, Hong You and Di Wang



**Figure S1.** Structural formula of MSSO (numbers correspond to the assignment of <sup>1</sup>H- and <sup>13</sup>C-NMR peaks).



**Figure S2.** FTIR spectrum of MSSO: (a) Original material, MPMS; (b) The hydrolytic condensation of MPMS for 10 days (40 °C).

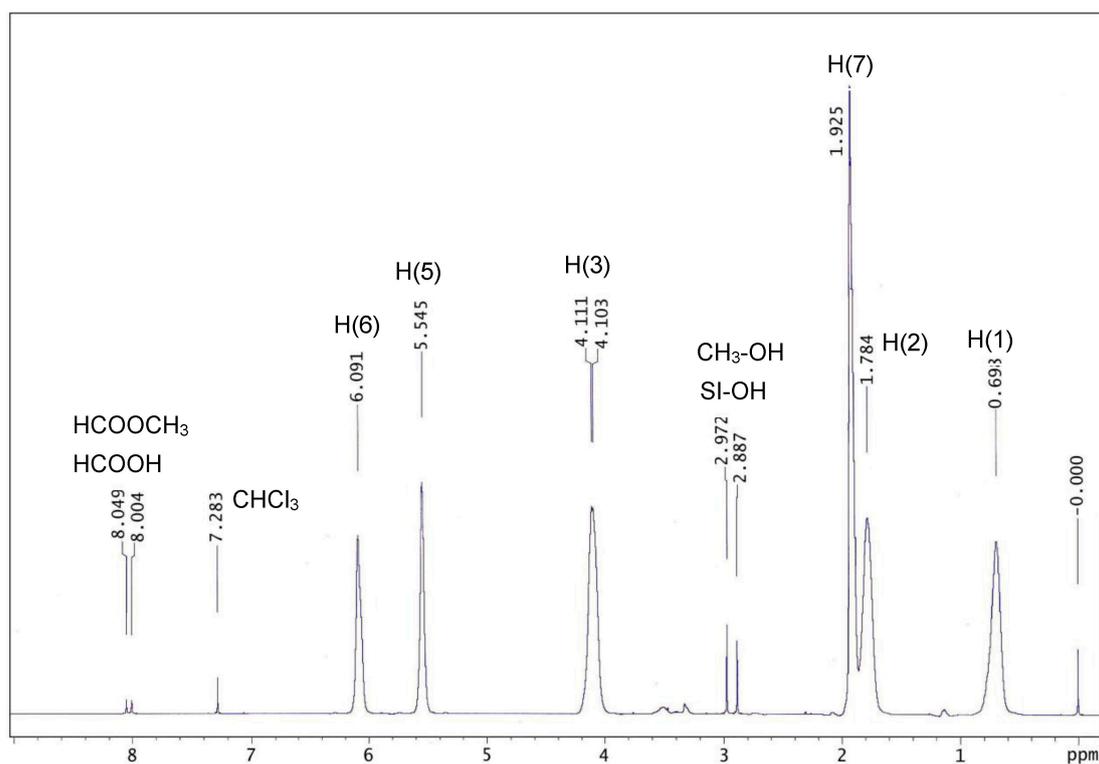


Figure S3. <sup>1</sup>H-NMR spectrum (DMSO-d<sub>6</sub>, 25 °C) of MSSO.

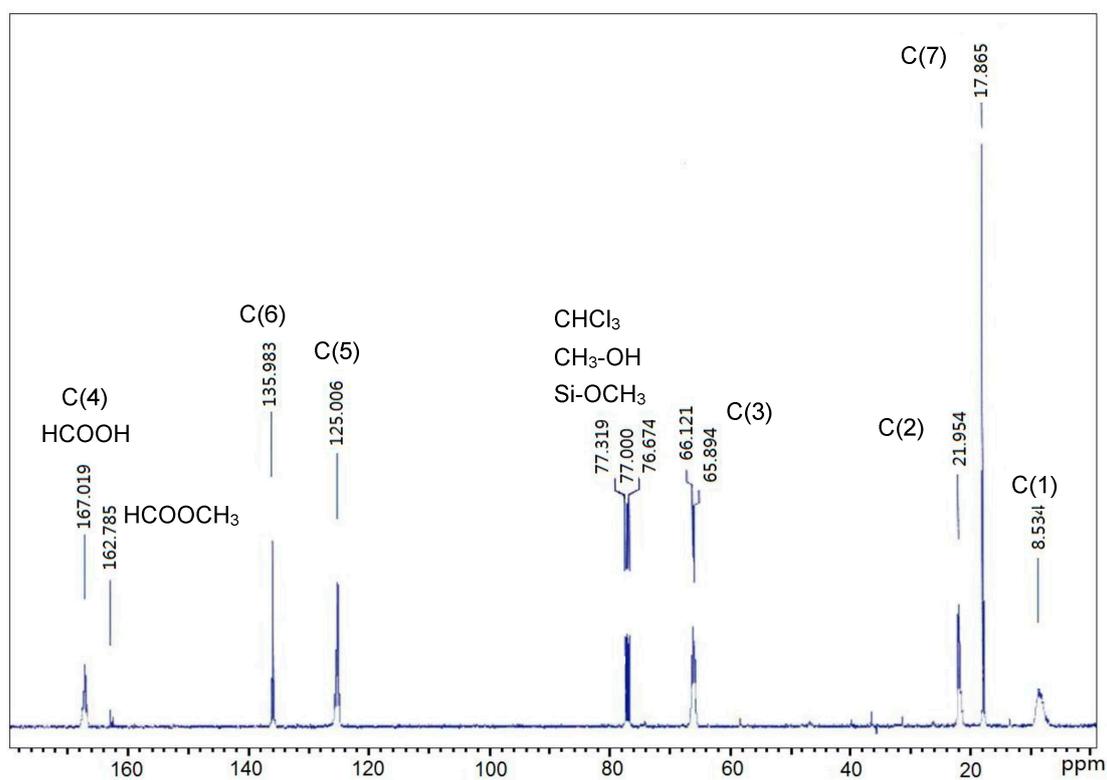


Figure S4. <sup>13</sup>C-NMR spectrum (DMSO-d<sub>6</sub>, 25 °C) of MSSO.

