Electronic Supplementary Material (ESI) for Catalysis Science & Technology.

SUPPORTING INFORMATION

Polyhedral Oligomeric Silsesquioxane Based Catalyst for the Efficient Synthesis of Cyclic Carbonates

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Contents:

Figure S1: ^{1}H NMR of POSS-Cl

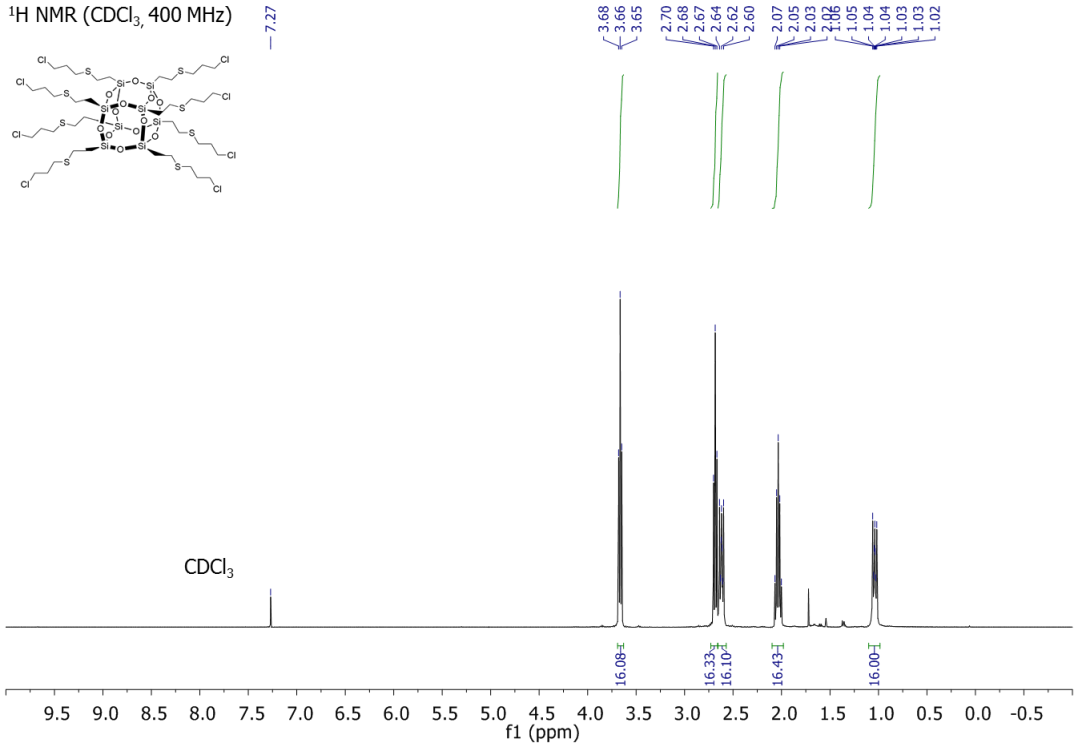

Figure S2: ^{13}C NMR of POSS-Cl

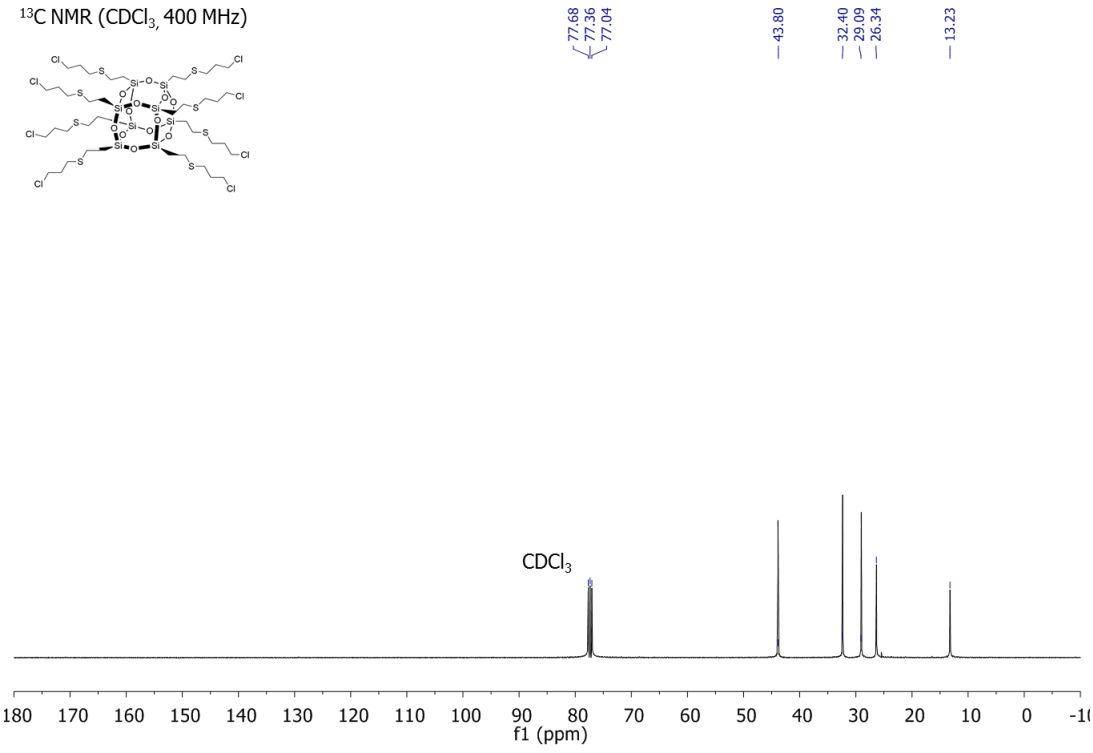

Figure S3: IR spectrum of POSS-Cl

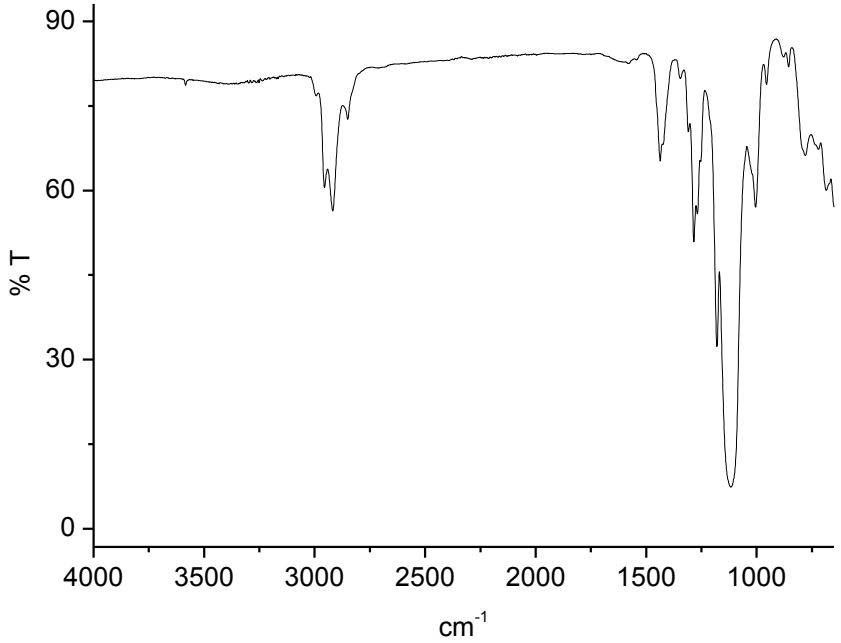

Figure S4: ^{1}H NMR of POSS-Imi

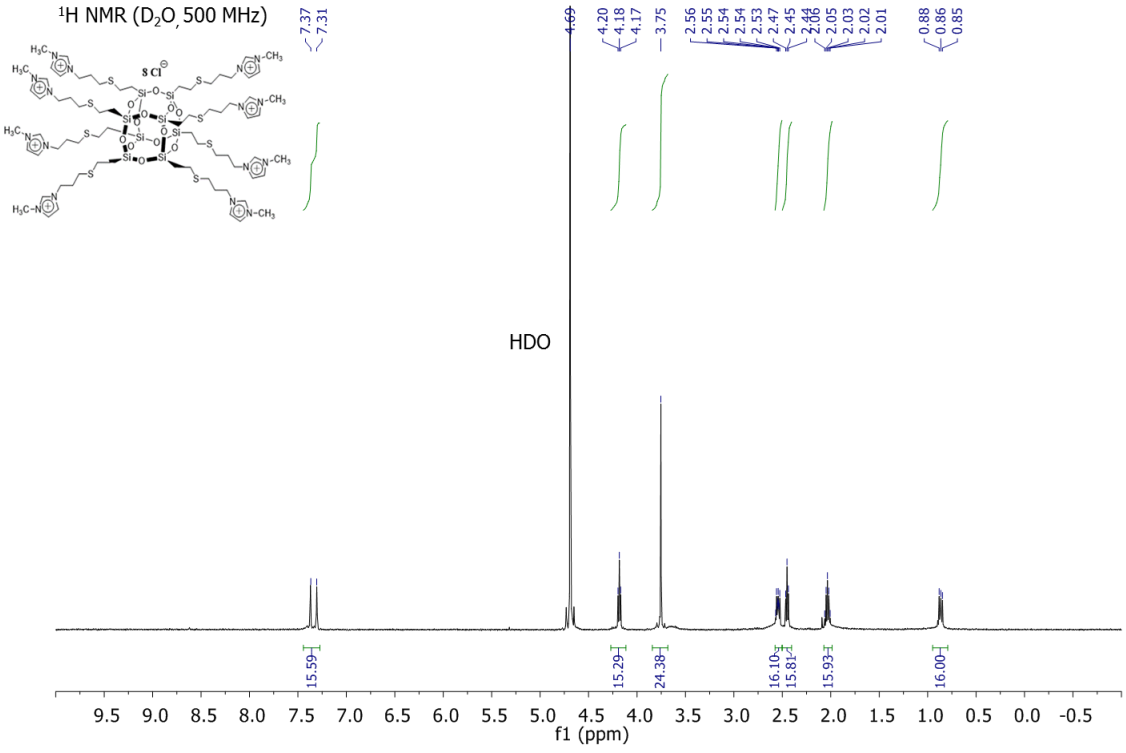

Figure S5: ^{13}C NMR of POSS-Imi

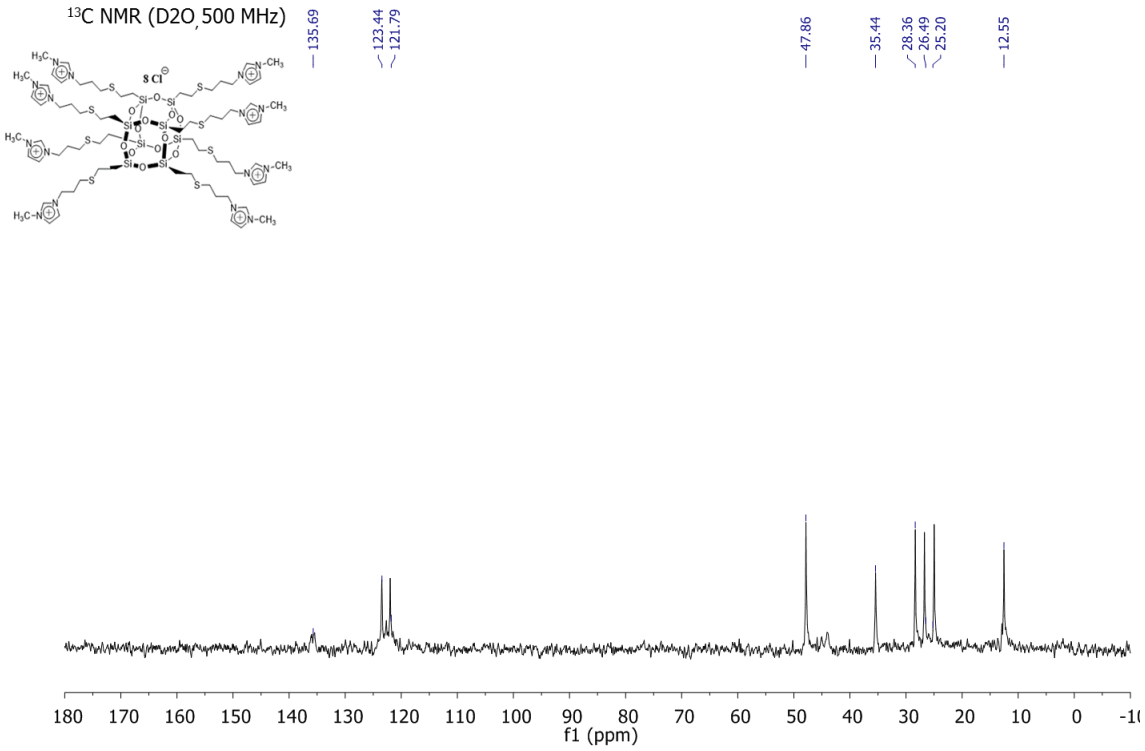

Figure S6: IR spectrum of POSS-Imi

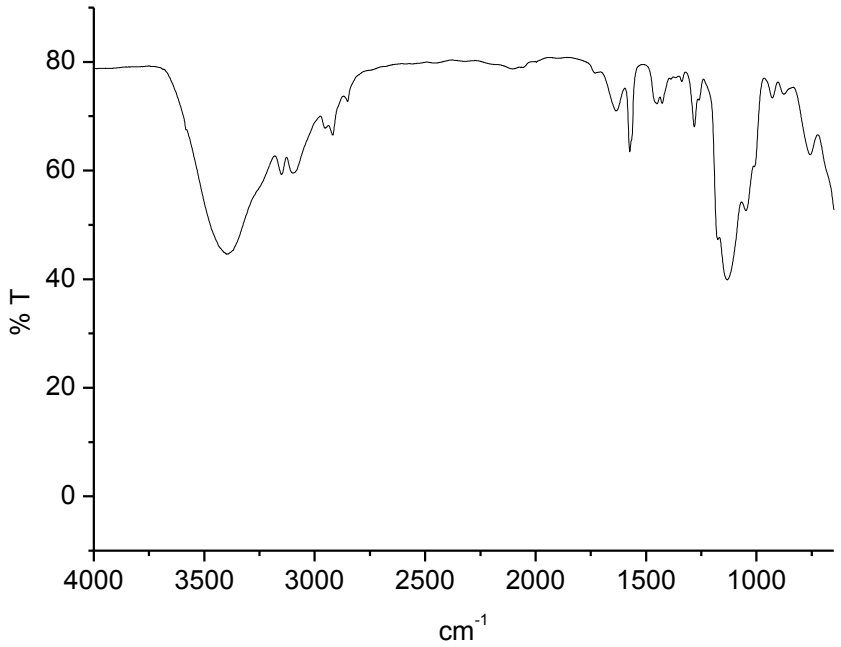

Figure S7: ^{1}H NMR of POSS-Me

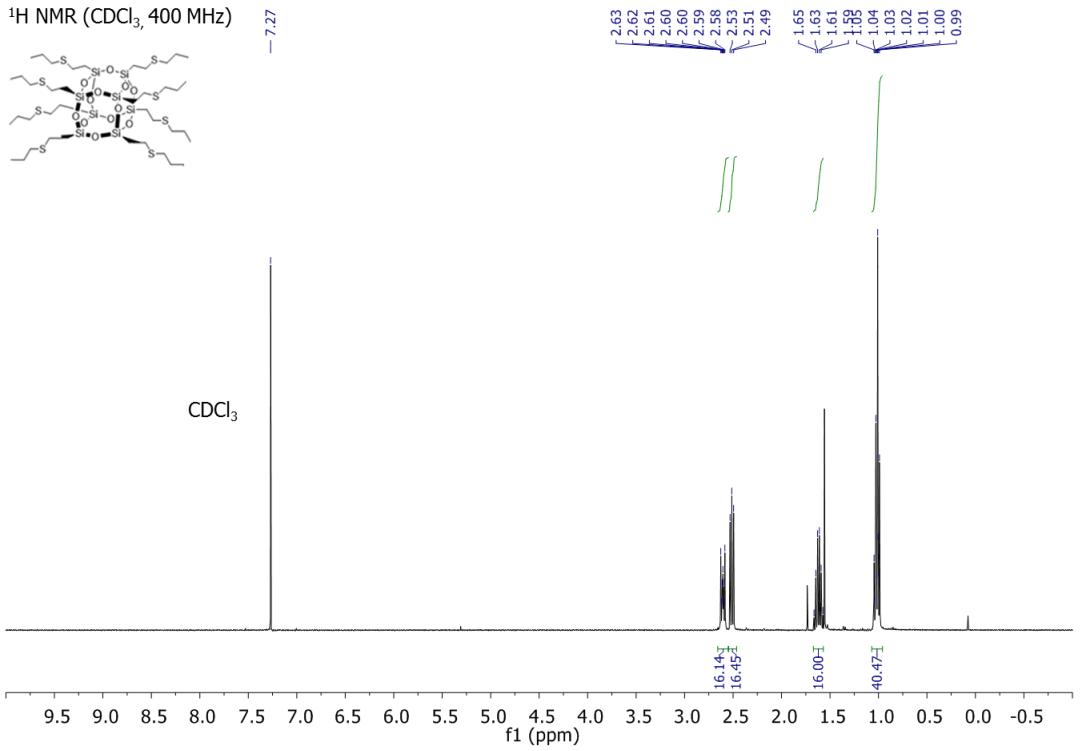

Figure S8: ^{13}C NMR of POSS-Me

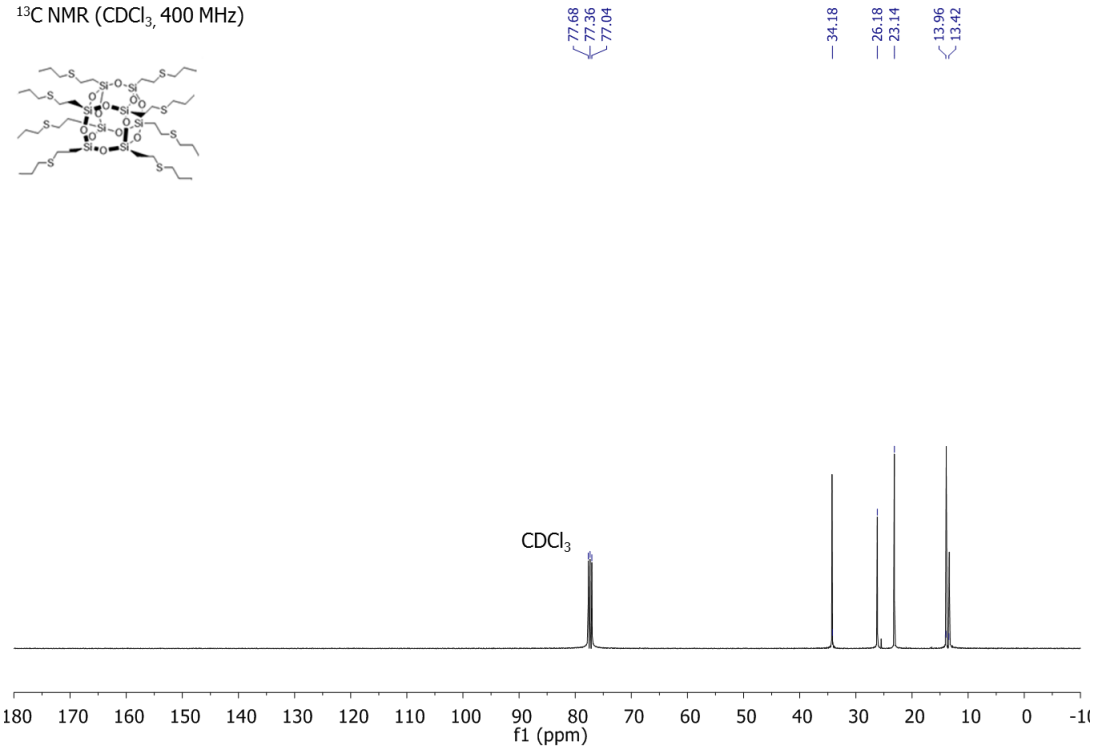

Figure S9: IR spectrum of POSS-Me

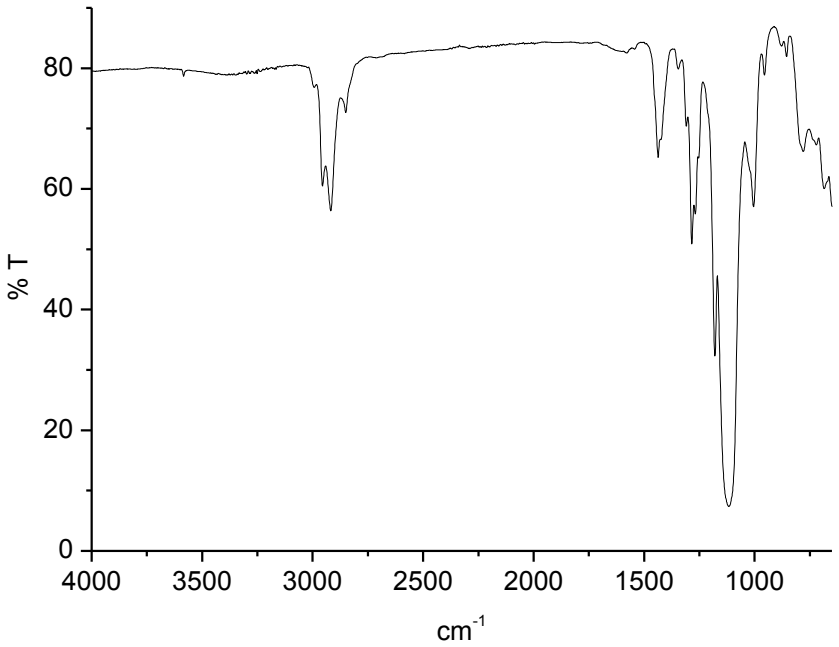

Figure S10: ^{29}Si NMR of POSS-Cl in tol-d_8 (a), ^{29}Si NMR of POSS-Cl in tol-d_8 after 16h at 90°C (b), ^{29}Si NMR of POSS-Cl in tol-d_8 after 48h at 90°C with 10 µL of H_2O (c).

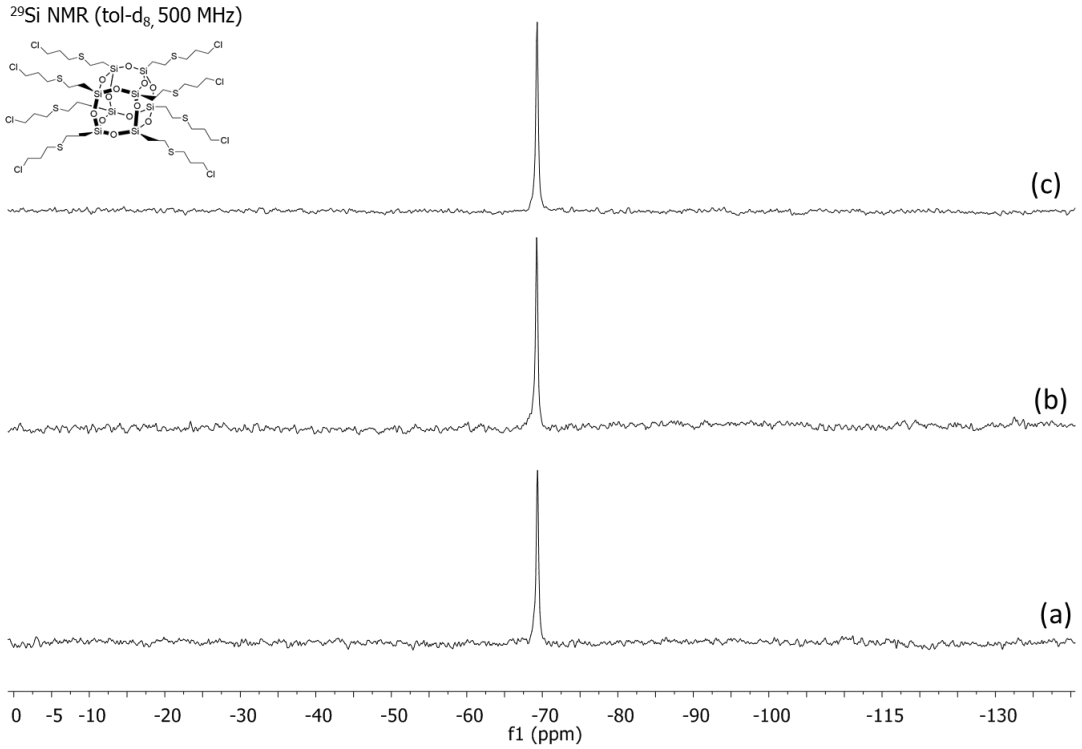

Figure S11: ^{29}Si NMR of POSS-Me in tol-d_8 (a), ^{29}Si NMR of POSS-Me in tol-d_8 after 48h at 90°C with 1-MeImi (24 eq.) (b), ^{29}Si NMR of POSS-Me in tol-d_8 after 48h at 90°C with bmim-Cl (8 eq.) (c).

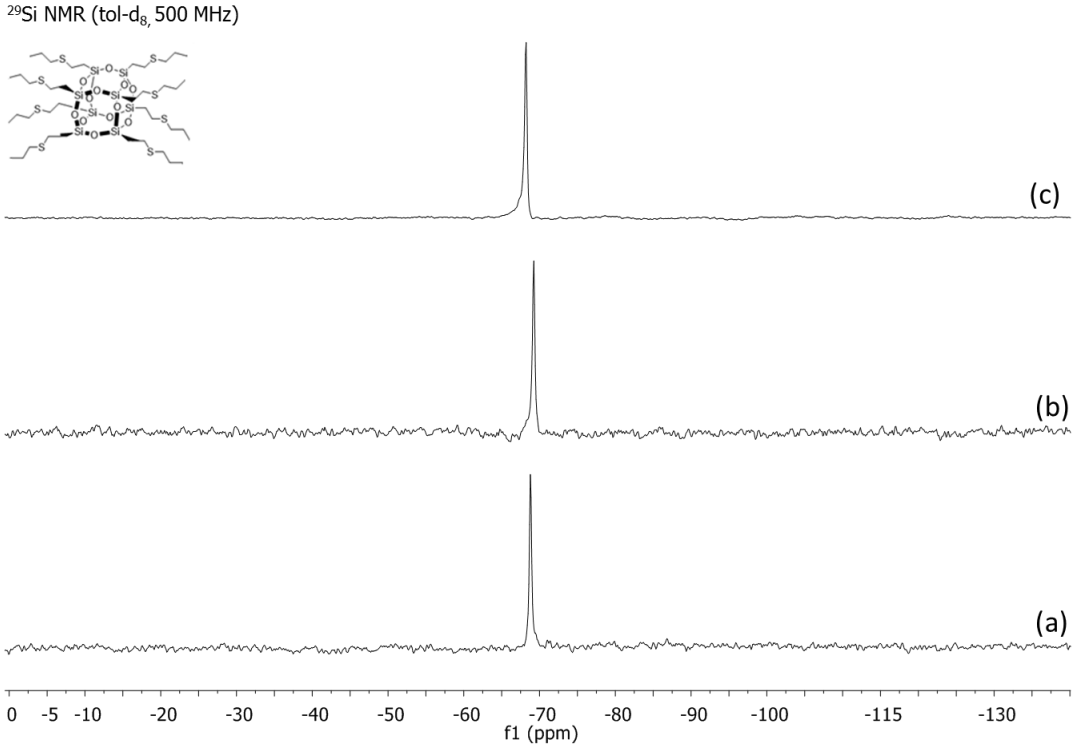

Figure S12: ^{1}H NMR of styrene glycol

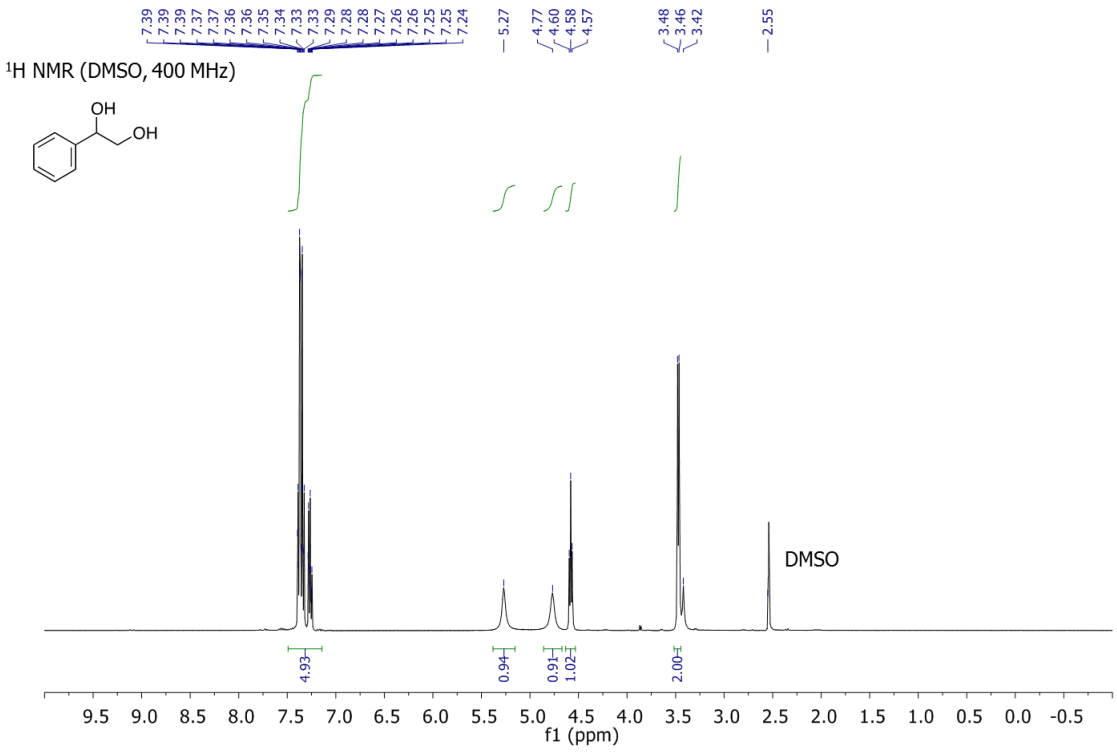

Figure S13: ^{13}C NMR of styrene glycol