

Stepwise Silylation of Double-Four-Ring (D4R) Silicate into Spherical Siloxanes with Defined Architectures

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Electronic Supplementary Information

Fig. S1

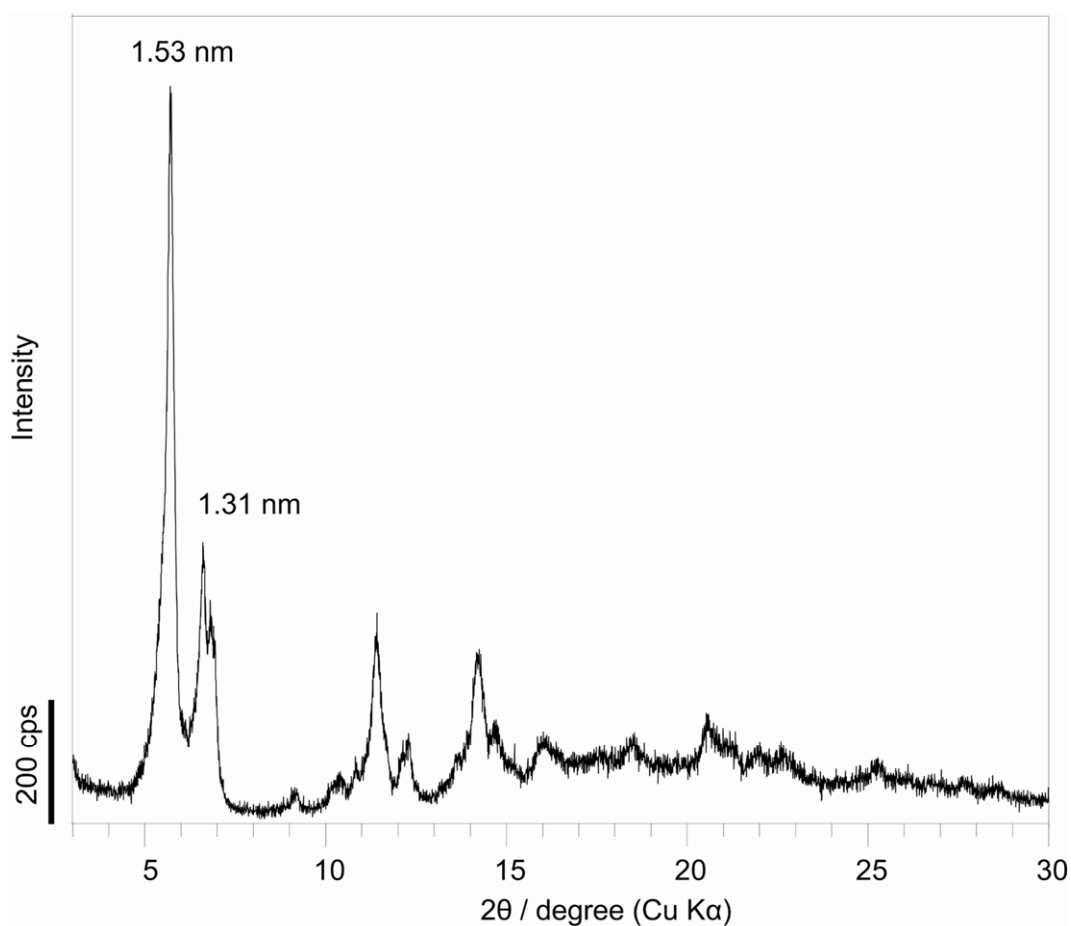


Fig.S1. Powder XRD pattern of TMS-1.

Fig. S2

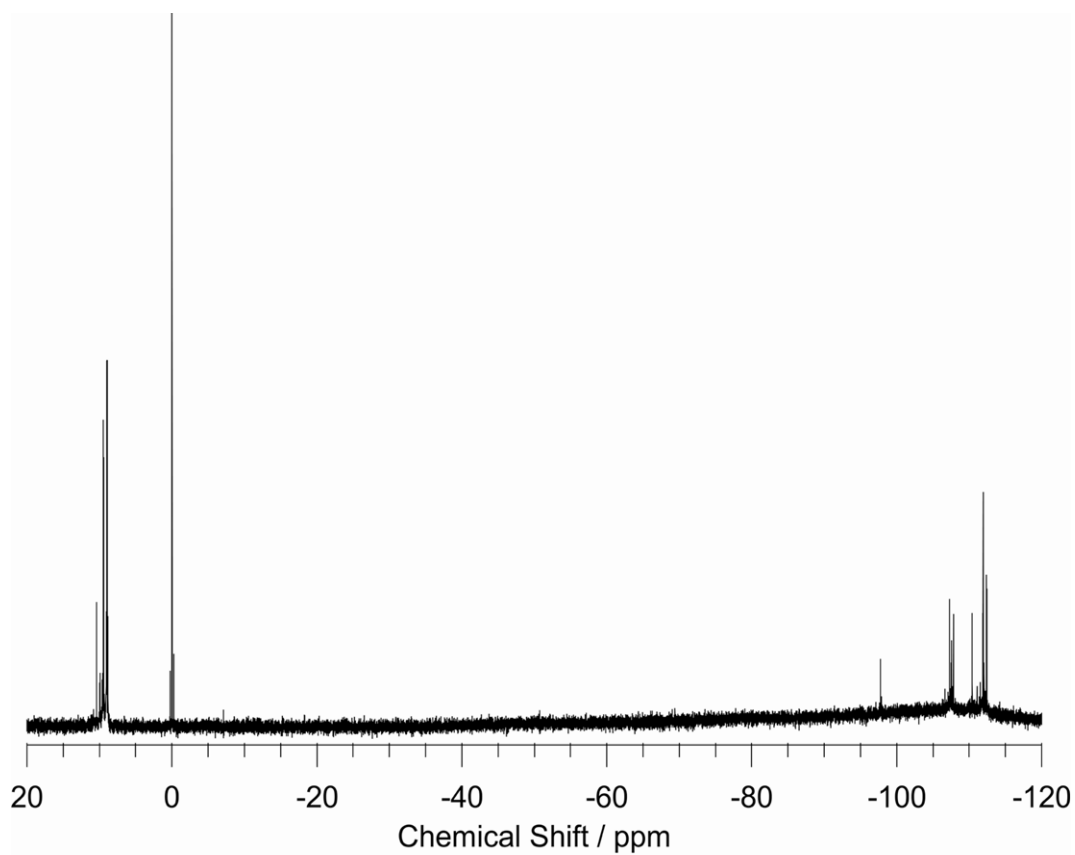


Fig. S2. Liquid-state ^{29}Si NMR spectrum of **1** in CDCl_3

Fig. S3

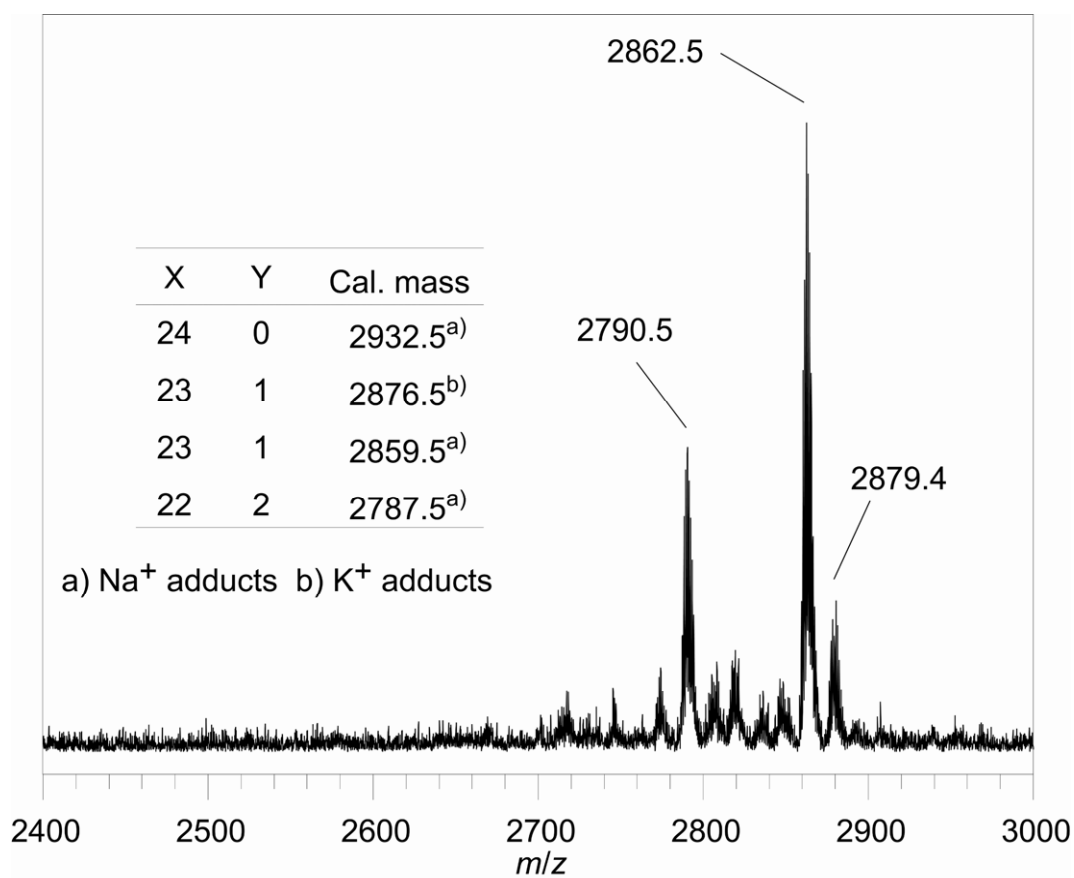


Fig. S3. MALDI-TOF mass spectrum of TMS-1. The inset lists the masses calculated for the Na^+ or K^+ adducts of the compounds with the formula of $(\text{Si}_{16}\text{O}_{20})(\text{OSiMe}_3)_x(\text{OH})_{(24-x)}$. Na^+ and K^+ ions should have been in the samples due to the dissolution from the glassware used for the synthesis and storage of the samples. (ref.12)