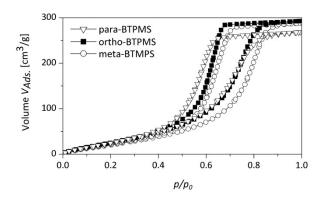
Electronic Supplementary Material (ESI) for New Journal of Chemistry.

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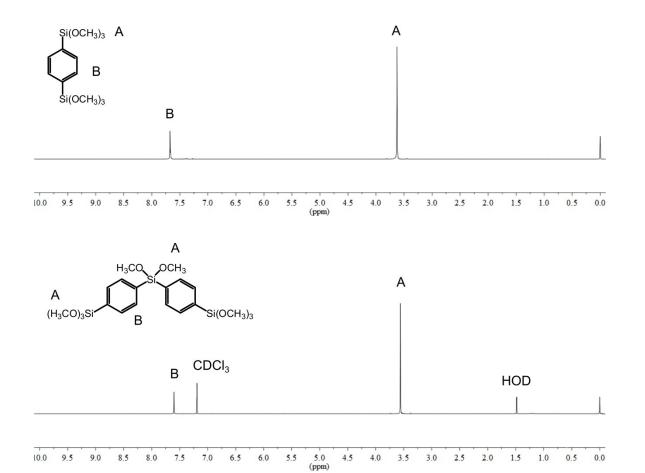
## Hierarchically porous monolithic silica with varying porosity using bis(trimethoxy-silyl)arenes as precursors

Martin von der Lehr<sup>a</sup>, Rüdiger Ellinghaus<sup>a</sup>, Bernd M. Smarsly<sup>a</sup>

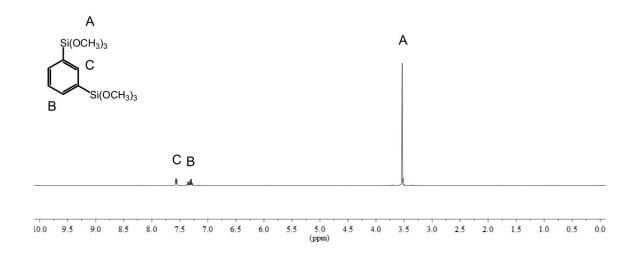
## **Supporting Information:**

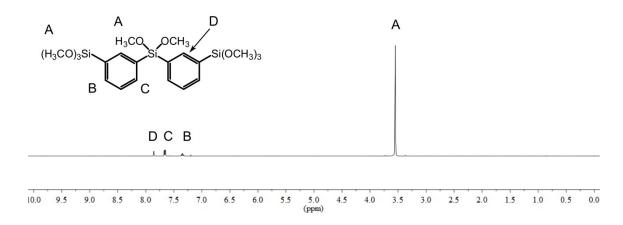


\$ 1 Dibromomethane sorption isotherms of silica hybrids containing the different isomers of BTPMS (5%, 0.355 g PEG).

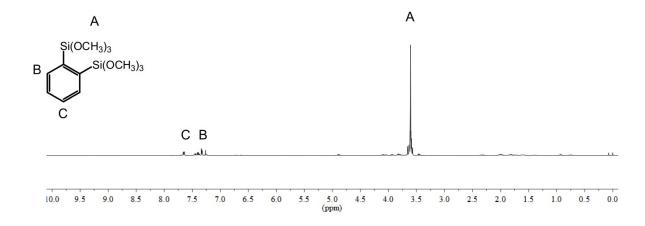


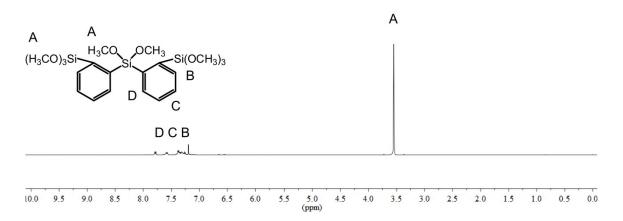
S 2 <sup>1</sup>H NMR spectra of *para*-isomers of used organosilica precursors BTMB/BTPMS (CDCl<sub>3</sub>, TMS)



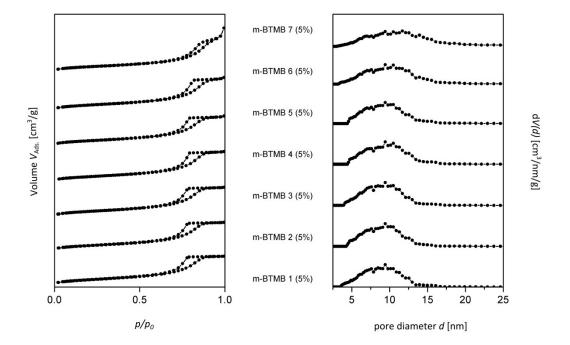


S 3  $^1\text{H}$  NMR spectra of meta-isomers of used organosilica precursors BTMB/BTPMS (CDCl3)

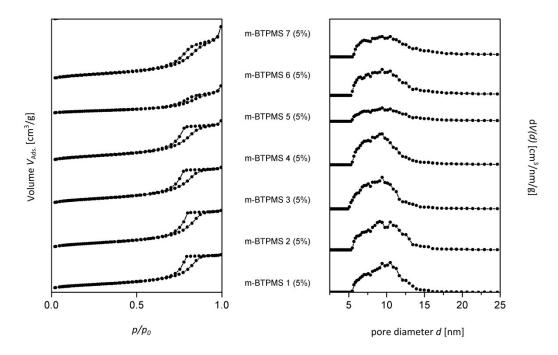




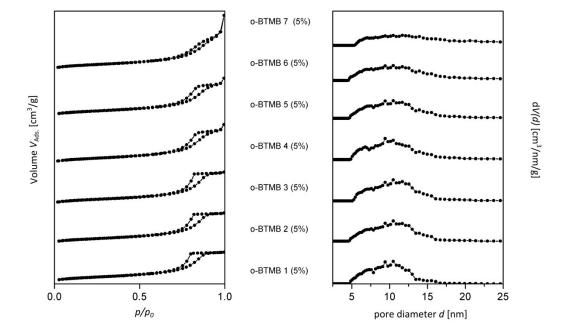
**S 4** <sup>1</sup>H NMR spectra of *ortho*-isomers of used organosilica precursors BTMB/BTPMS (CDCl<sub>3</sub>)



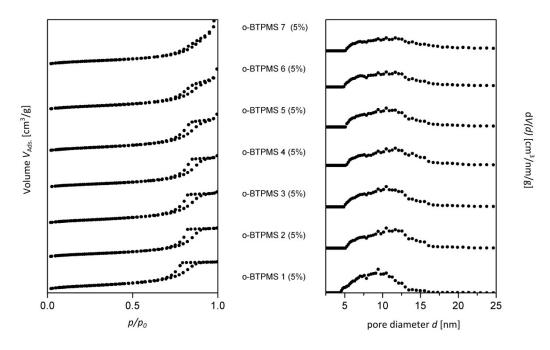
S 5 Physisorption isotherms (left) and PSD (right) of meta-TMOS/BTMB hybrids (increasing amount PEG from bottom to top) and 5 % of organosilica precursor



\$ 6 Physisorption isotherms (left) and PSD (right) of meta-TMOS/BTPMS hybrids (increasing amount PEG from bottom to top) and 5 % of organosilica precursor



**S 7** Physisorption isotherms (left) and PSD (right) of *ortho*-TMOS/BTMB hybrids (increasing amount PEG from bottom to top) and 5 % of organosilica precursor



\$ 8 Physisorption isotherms (left) and PSD (right) of ortho-TMOS/BTPMS hybrids (increasing amount PEG from bottom to top) and 5 % of organosilica precursor