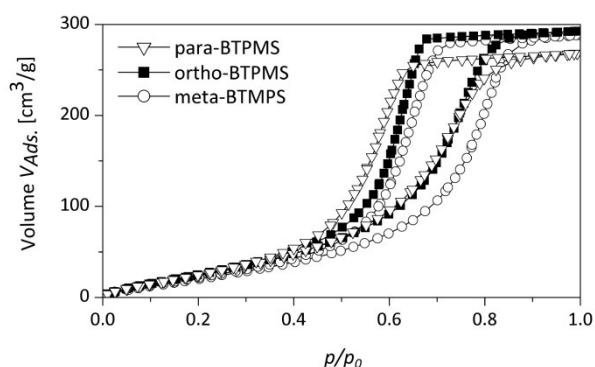


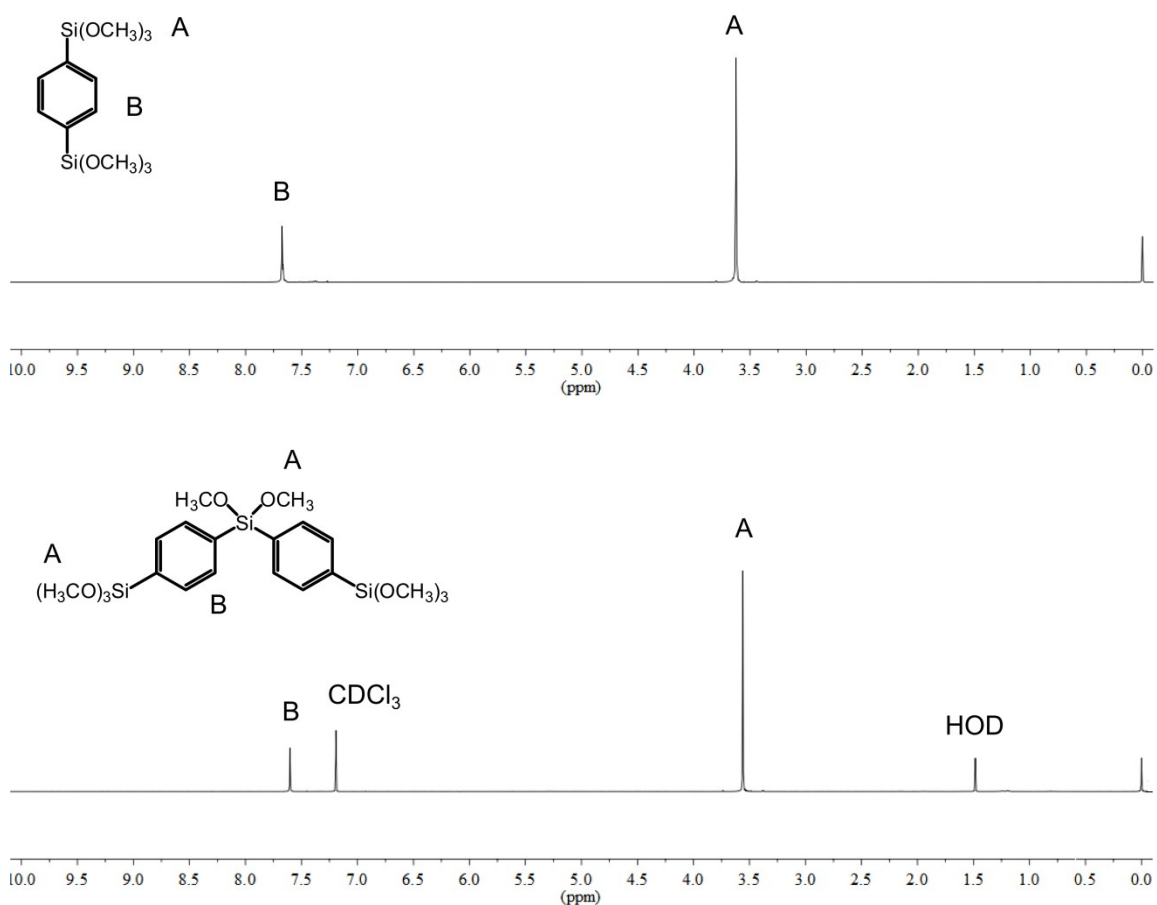
Hierarchically porous monolithic silica with varying porosity using bis(trimethoxy-silyl)arenes as precursors

Martin von der Lehr^a, Rüdiger Ellinghaus^a, Bernd M. Smarsly^a

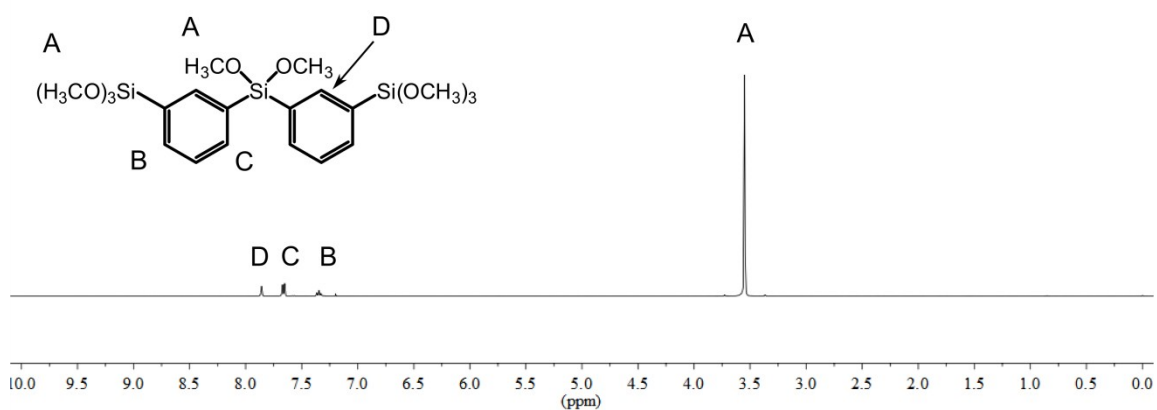
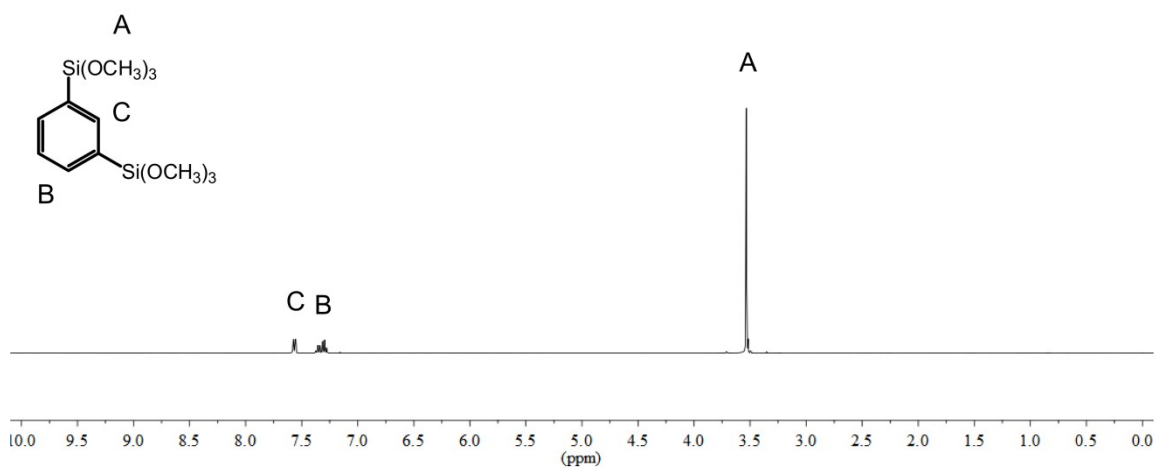
Supporting Information:



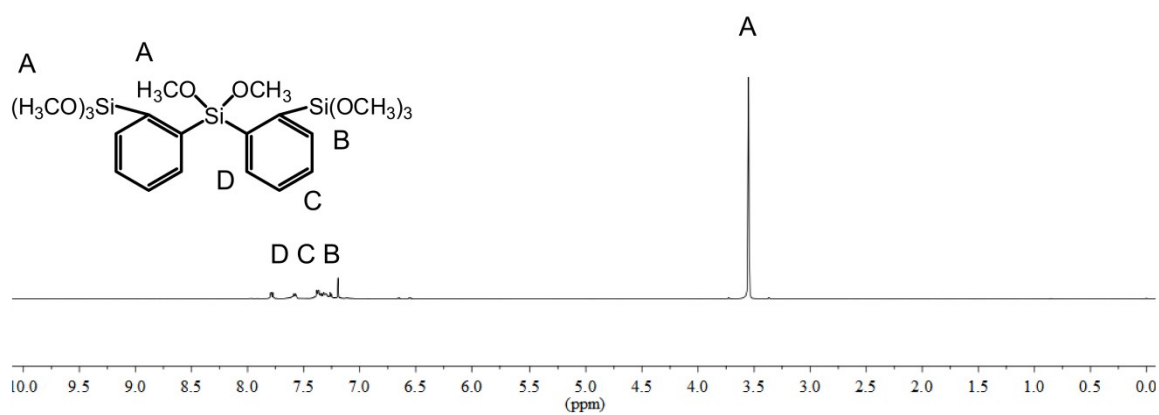
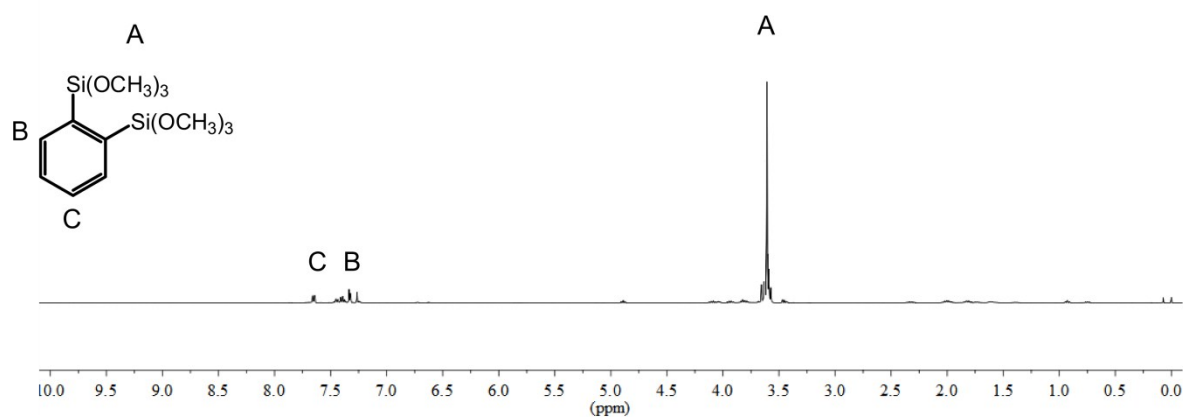
S 1 Dibromomethane sorption isotherms of silica hybrids containing the different isomers of BTPMS (5%, 0.355 g PEG).



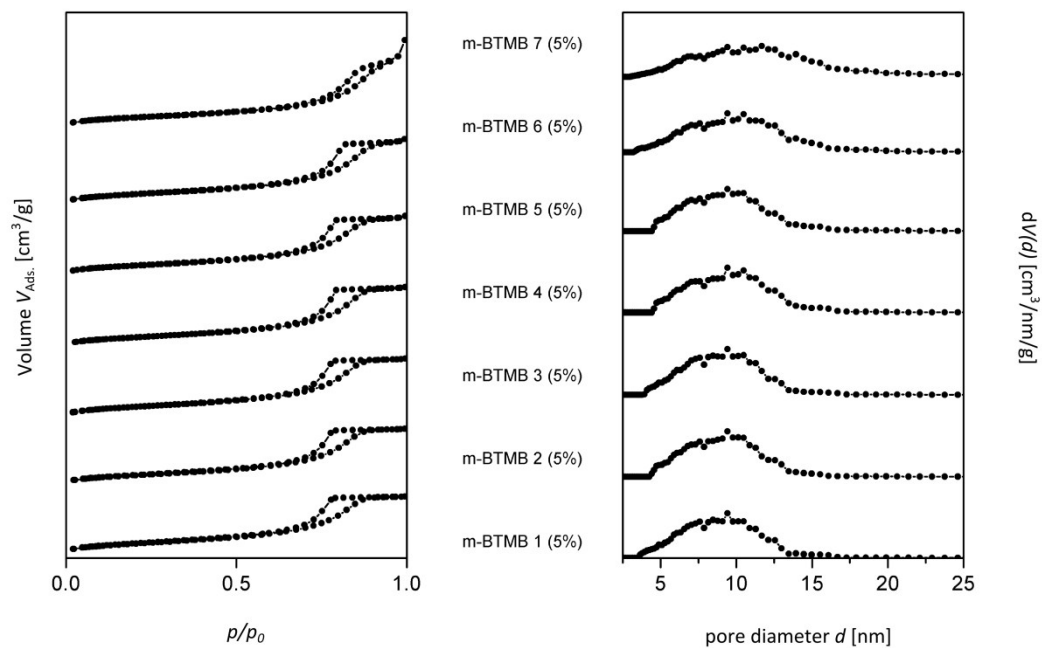
S 2 ¹H NMR spectra of *para*-isomers of used organosilica precursors BTMB/BTPMS (CDCl₃, TMS)



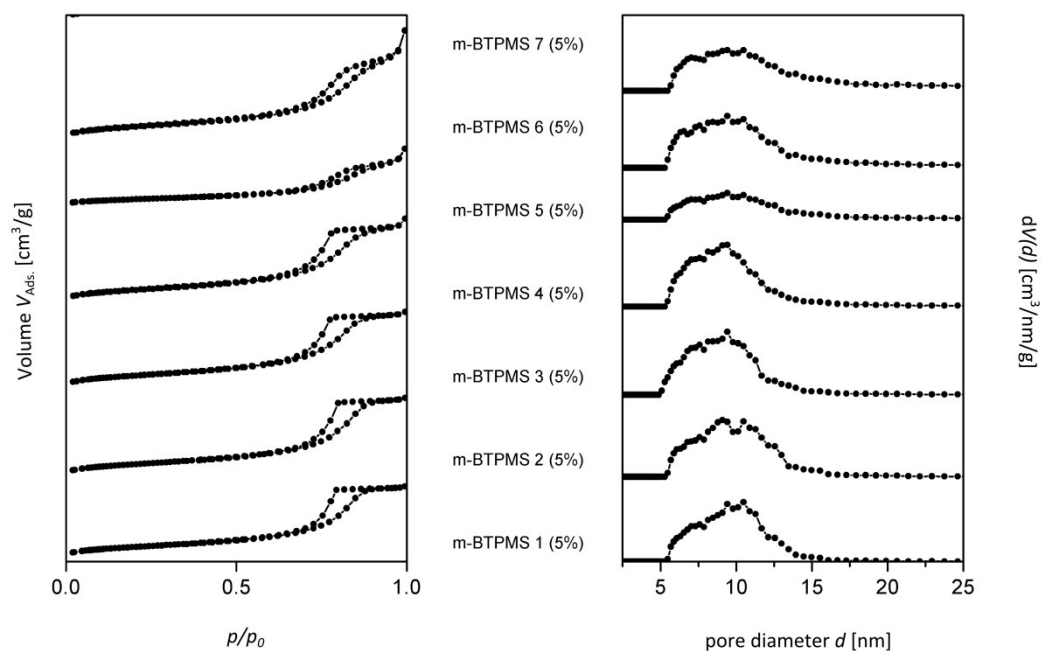
S 3 ¹H NMR spectra of *meta*-isomers of used organosilica precursors BTMB/BTPMS (CDCl₃)



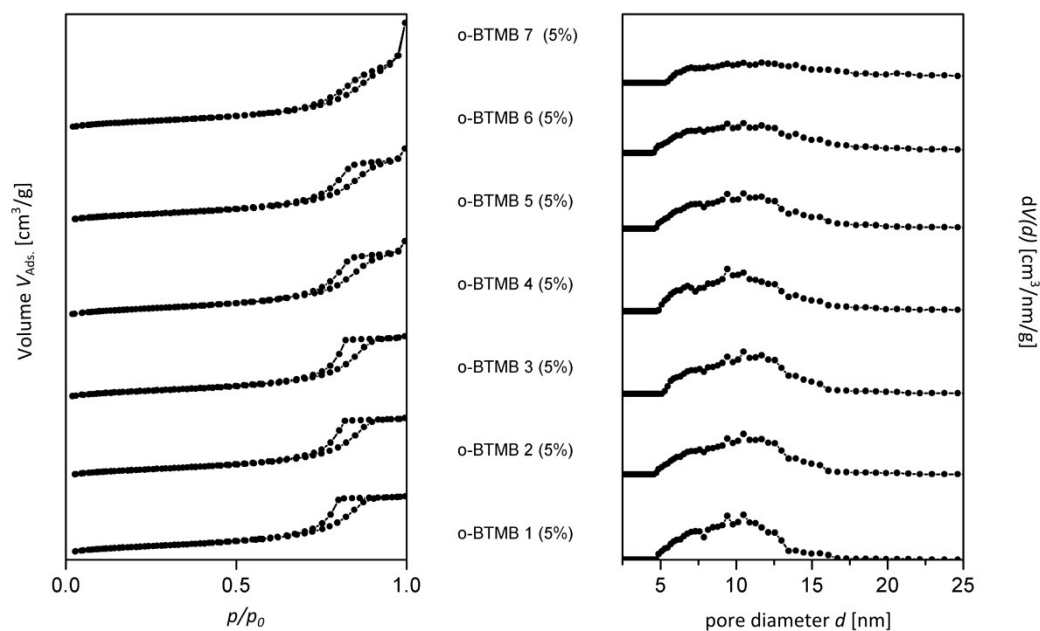
S 4 ^1H NMR spectra of *ortho*-isomers of used organosilica precursors BTMB/BTPMS (CDCl_3)



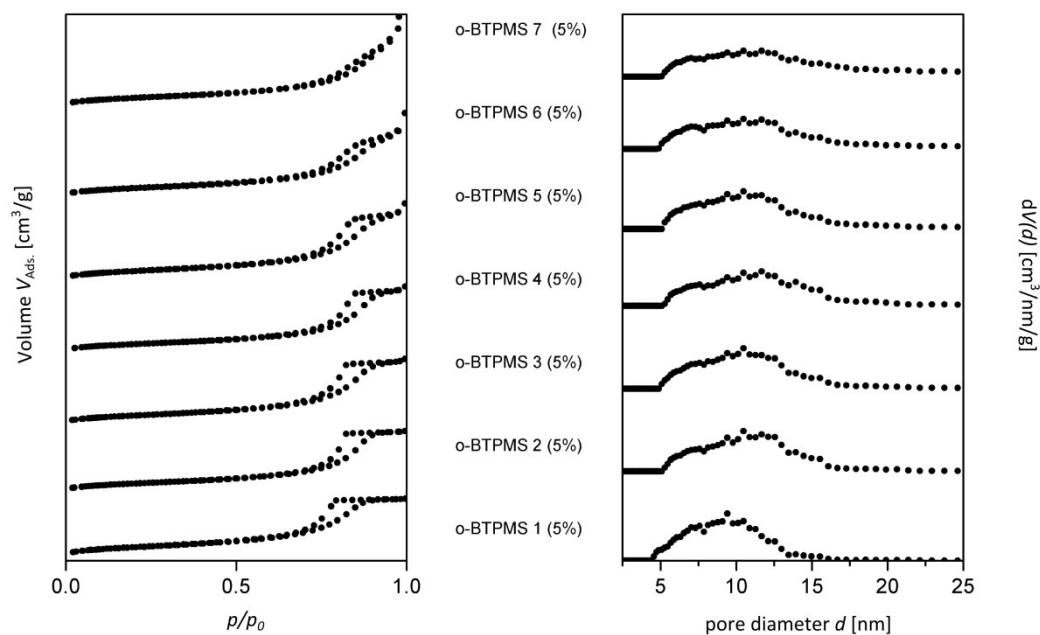
S 5 Physorption isotherms (left) and PSD (right) of *meta*-TMOS/BTMB hybrids (increasing amount PEG from bottom to top) and 5 % of organosilica precursor



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



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



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