Supporting information for

Insights into the Pore Structure of KIT-6 and SBA-15 Ordered Mesoporous Silica – Recent Advances by Combining Physical Adsorption with Mercury Porosimetry

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Figure S1. Pore size analysis of KIT-6A (a) and KIT-6B (b) from gas adsorption (using BJH and NLDFT method applied to the desorption branch) and mercury porosimetry (using Washburn equation and calculated for a contact angle of 145 °)
Figure S2. Low angle powder XRD patterns obtained for KIT-6 silica materials with corresponding lattice cell parameter $a$. 

- KIT-6C: $a_0 = 23.78$ nm
- KIT-6B: $a_0 = 23.52$ nm
- KIT-6A: $a_0 = 21.64$ nm
Figure S3. Adsorption (solid) and desorption (hollow) isotherm of a wetting fluid (N$_2$ at 77 K, left) and corresponding equivalent gas sorption isotherm of a non-wetting fluid (Hg at 298 K, right part) converted from the mercury porosimetry data using Lowell and Shields equation obtained for KIT-6A and KIT-6B.