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Supplementary Information (ESI)

Isomeric periodic mesoporous organosilicas with controllable properties

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TEM image of *E*-EBP-15

The TEM image illustrates the long-range hexagonal ordering of the ethenylene-bridged PMO, synthesized in the presence of *n*-butanol.



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Nitrogen isotherms of *E*-EBP-11 and *E*-EBP-19: impact of *n*-butanol concentration

The *n*-butanol concentration has a drastic impact on the porosity properties of ethenylenebridged PMOs. When the *n*-butanol:P123 ratio is raised from 155 (*E*-EBP-11) to 195 (*E*-EBP-19), the mesoporosity drastically reduces, and a substantial fraction (63.4 %) of the total pore volume is micropore volume.



Nitrogen isotherms of *E*-EBP-23 and *E*-EBP-27: impact of aging temperature

