

Supporting Information for *J. Mater. Chem.*

Disilazane-Functionalization of Large-Pore Hybrid Periodic Mesoporous Organosilicas

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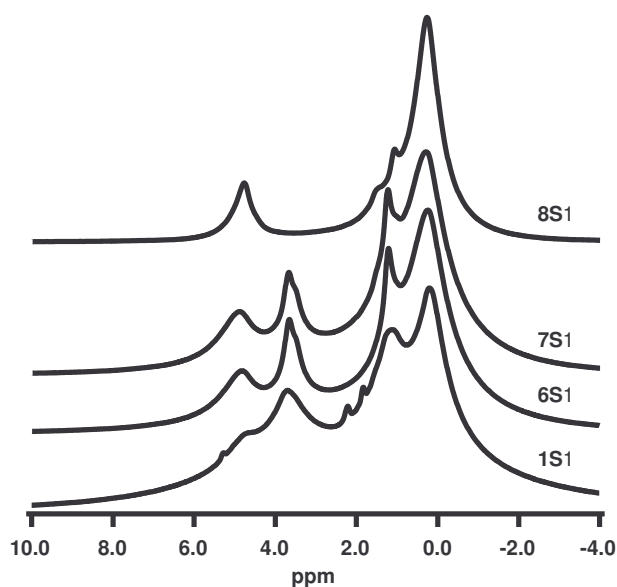


Fig. S1. ^1H NMR spectra for the surface TMDS-silylated hybrid materials **1S1**, **6S**, **7S1** and **8S1**.

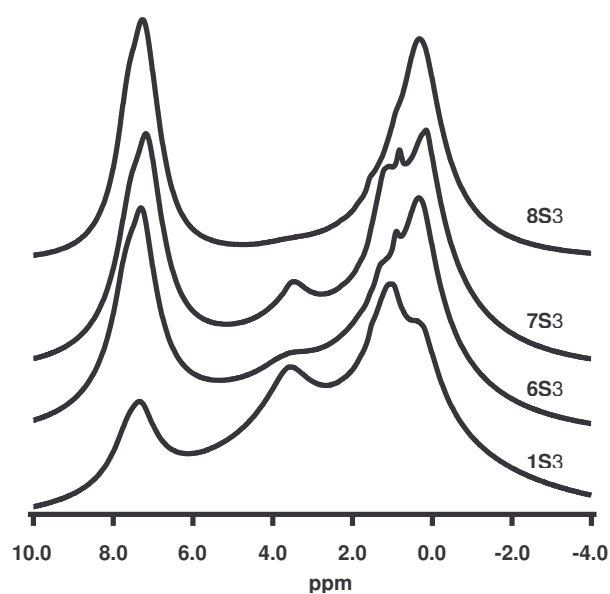


Fig. S2. ^1H NMR spectra for the surface DPTMDS-silylated hybrid materials **1S3**, **6S3**, **7S3** and **8S3**.

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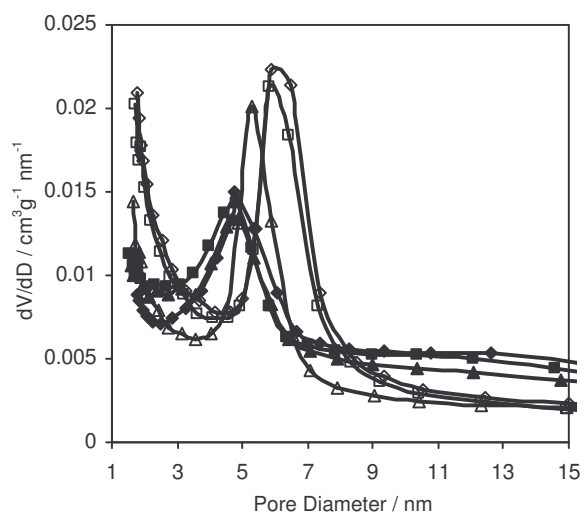


Fig. S3. BJH pore size distributions of TMDS-, HMDS- and DPTMDS-silylated inorganic-organic hybrid periodic mesoporous organosilicas **1S1-3S3** (—■—: **1S1**; —◆—: **1S2**; —▲—: **1S3**; —□—: **3S1**; —◇—: **3S2**; —△—: **3S3**).

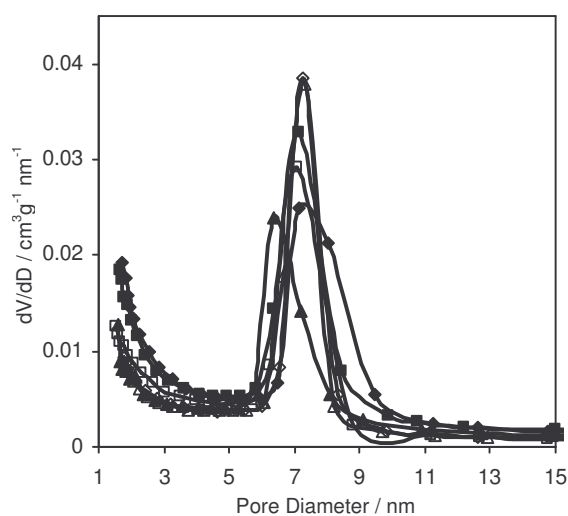


Fig. S4. BJH pore size distributions of TMDS-, HMDS- and DPTMDS-silylated inorganic-organic hybrid periodic mesoporous organosilicas **4S1-6S3** (—■—: **4S1**; —◆—: **4S2**; —▲—: **4S3**; —□—: **6S1**; —◇—: **6S2**; —△—: **6S3**).

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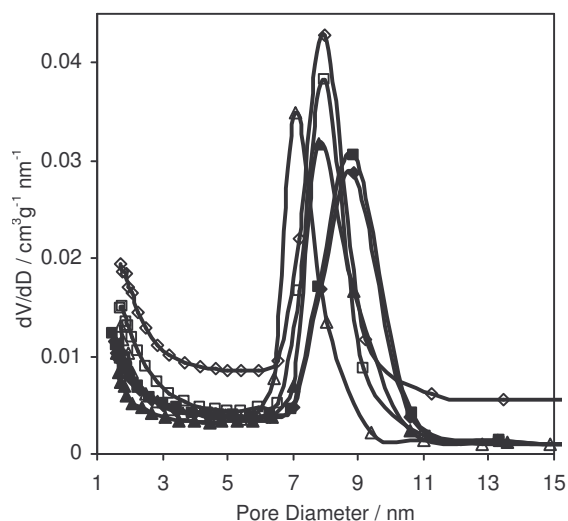


Fig. S5. BJH pore size distributions of TMDS-, HMDS- and DPTMDS-silylated periodic mesoporous silicas 7S1-8S3 (—■—: 7S1; —◆—: 7S2; —▲—: 7S3; —□—: 8S1; —◇—: 8S2; —△—: 8S3).

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