

Supporting Information

Phenylene-Bridged Hybrid Silica Spheres for High Performance Liquid Chromatography

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A: The powder X-ray diffraction patterns

B: The N₂ adsorption-desorption isotherms

C: Surface area, pore volume, and pore diameter of hybrid organosilica materials before hydrothermal treatment

D: Thermogravimetical analysis of hybrid organosilica materials

A: The powder X-ray diffraction patterns

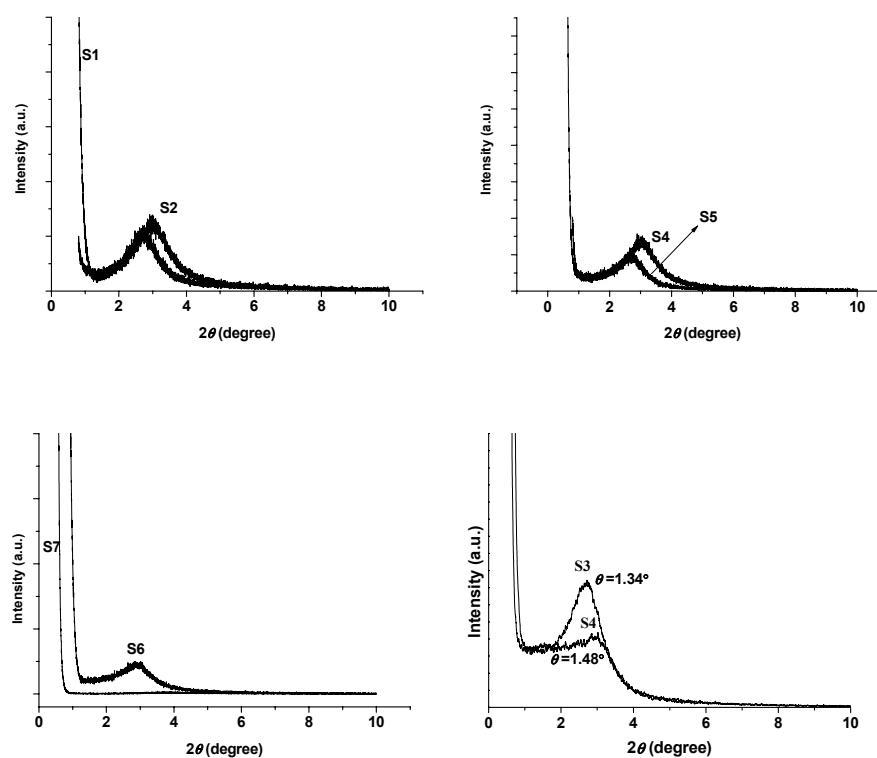


Figure S1. Powder X-ray diffraction patterns of samples S1-S8.

B: The N₂ adsorption-desorption isotherms

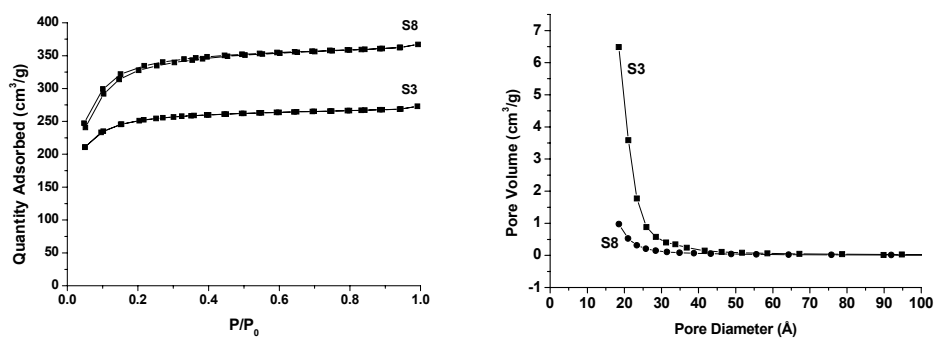


Figure S2. N₂ adsorption-desorption isotherms and pore size distribution of as-prepared samples S3 and S8.

C: Surface area, pore volume, and pore diameter of hybrid organosilica materials before hydrothermal treatment

Table S1 Surface area, pore volume, and pore diameter of hybrid organosilica materials before hydrothermal treatment.

Materials	Surface area (m ² /g)	Average pore diameter (Å)	Pore volume (cm ³ /g)
samples S3	1080	<18	0.57
samples S8	757	<18	0.42

D: Thermogravimetical analysis of hybrid organosilica materials

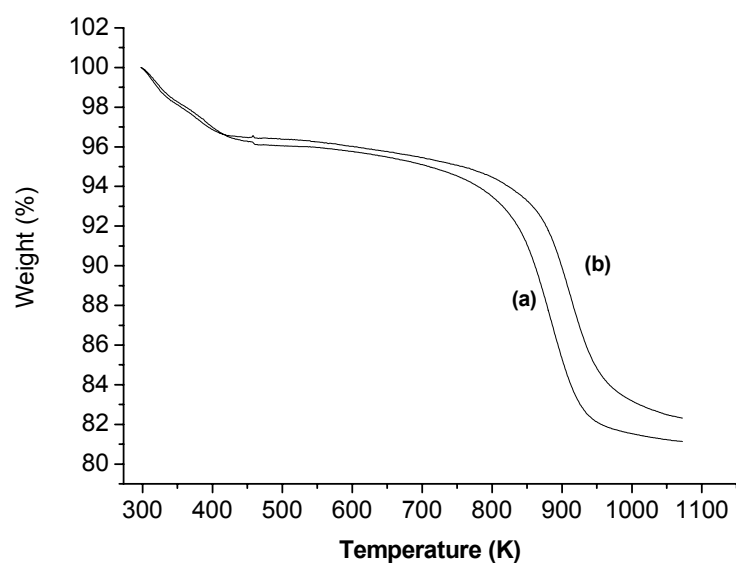


Figure S3. Thermogravimetric analysis of materials: (a) *p*-PHS and (b) *m*-PHS.