Electronic Supplementary Information

for RSC Advance

Topology-directed design and synthesis of carbazole-based conjugated microporous networks for gas storage

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FT-IR spectra

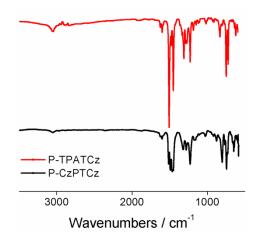


Figure S1. FT-IR spectra of P-TPATCz and P-CzPTCz.

Scanning electron microscopy

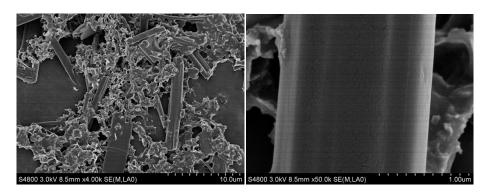


Figure S2. Scanning electron microscopy images of P-TPATCz networks with magnification of 4.0 k (left) and 50.0 k (right).

Pore size distributions

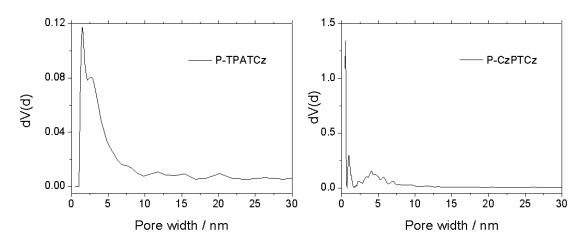


Figure S3. Pore size distributions calculated by application of quenched solid density functional theory (QSDFT).