Supporting information

Honeycomb-patterned porous films fabricated via self-organization

of Tb complex-loaded amphiphilic copolymers

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Figure S1.Photographsof Tb complexandTb(NO₃)₃powder under UV lamp (254 nm) respectively (a), Tb complexand Tb(NO₃)₃in water under UV lamp (365 nm)respectively (b).





Figure S2.FT-IR spectra of PMA, Tb complex, PS and PS-*b*-Tb complex.

Figure S3. ¹H NMR spectrum of Tb complex with $CDCI_3$ as solvent.



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12.0 ppm (t1)	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0	0.0	-1.0









Figure S6. FESEM images of porous films generated from 6 mg/mL solution of PS-b-

Tb complex-2 in (a) $CHCl_3$, (b) CH_2Cl_2 , (c) CS_2 and (d) THF.