Supporting Information

Chiral polymeric microspheres grafted with optically active helical polymer: A new class of materials for chiral recognition and chirally-controlled release

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Figure S1. Time-adsorption profiles of *D*- and *L*-menthol on microspheres in chloroform. A, 2/1, B, 4/1, C, 6/1, D, 8/1, M₁/M₂, mol/mol. Parameters for preparing microspheres, refer to Figure 4.



Figure S2. The (A) CD and (B) UV-vis spectra of poly(1-co-2)s measured in CHCl₃.



Figure S3. Time-adsorption profiles of *D*- and *L*-menthol on microspheres in chloroform. A, 5%, B, 7%, C, 9%, D, 11%, wt% β -CD-A. Parameters for preparing microspheres, refer to Figure 4.





Figure S4. Time-adsorption profiles of Boc-*D*- and Boc-*L*-proline on microspheres in chloroform. A, 5%, B, 7%, C, 9%, D, 11%, wt% β -CD-A. Parameters for preparing microspheres, refer to Figure 4.



Figure S5. Time-release profiles of *D*- and *L*-menthol on microspheres in ethanol. A, 2/1, B, 4/1, C, 6/1, D, 8/1, M_1/M_2 , mol/mol. Parameters for preparing microspheres, refer to Figure 4.



Figure S6. Time-release profiles of Boc-D- and Boc-L-proline on microspheres in ethanol. A, 5%,

B, 7%, C, 9%, D, 11%, wt% β-CD-A. Parameters for preparing microspheres, refer to Figure 4.