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, \(M_1/M_2\), 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, M1/M2, 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.