

Supporting Online Material for
Facile Syntheses of Cucurbit[6]uril Anchored Polymers and Their
Non-covalent Modification

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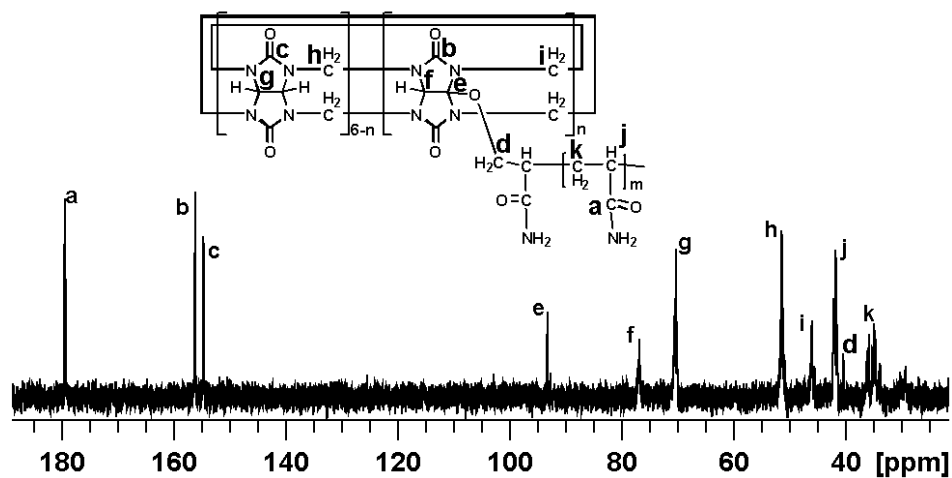


Figure S1. The ^{13}C -NMR spectrum of the CB[6]-PAM-3 polymer.

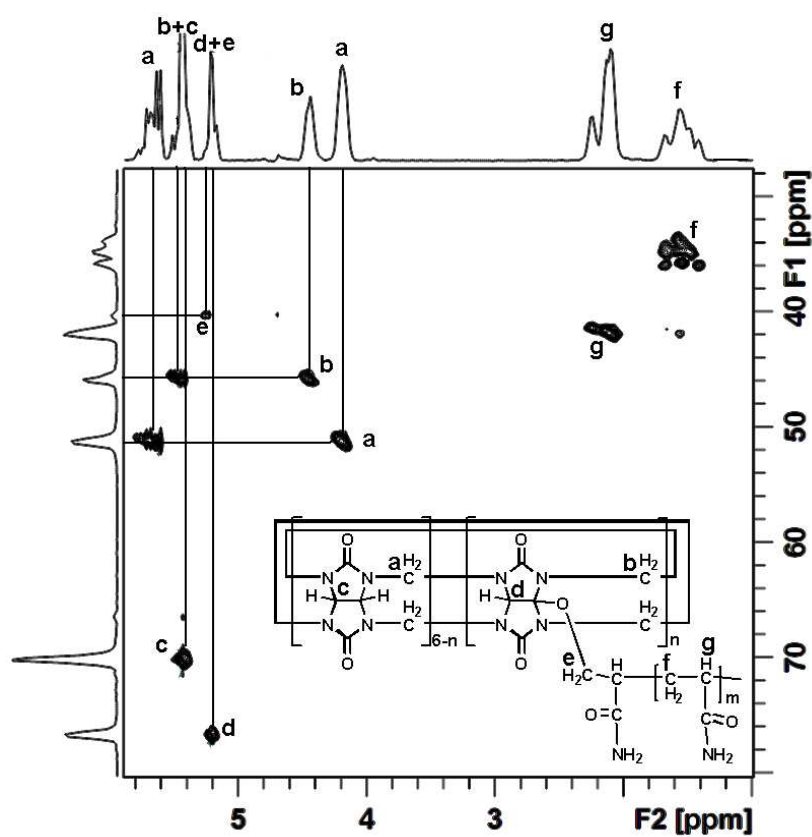


Figure S2. C, H-COSY NMR spectra of CB[6]-PAM-3 polymer.

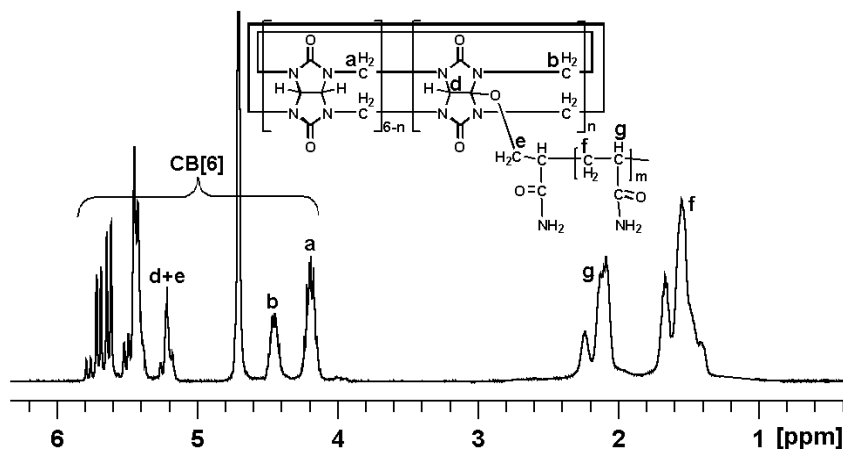


Figure S3. ^1H -NMR spectrum of CB[6]-PAM-3. The PAM/CB[6] and the average grafting degree of CB[6] were obtained from ^1H -NMR. The PAM/CB[6] was confirmed by comparing the integral intensity of the peaks from the CB[6] segments (the sum of a and b signals in figure S3) with that the peaks of polyacrylamide segment (signal g in figure S3). The average grafting degree of CB[6] was obtained by comparing the signal intensity of the methylene protons of grafting units (signal b in figure S3) with that of all the methylene protons of CB[6] (the sum of a and b signals in figure S3).

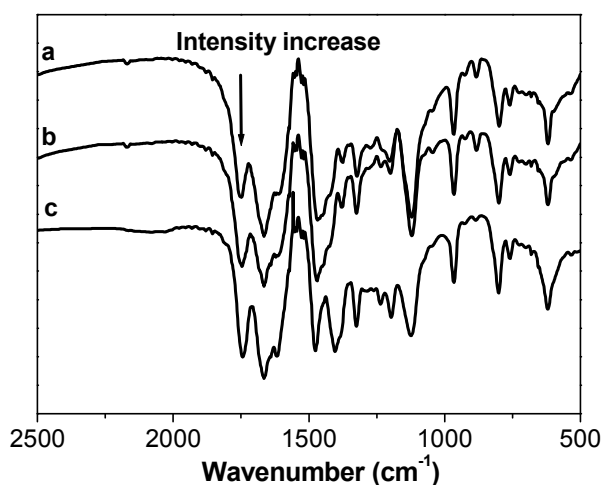


Figure S4. FTIR spectra of (a) CB[6]-PAM-1, (b) CB[6]-PAM-2 and (c) CB[6]-PAM-3

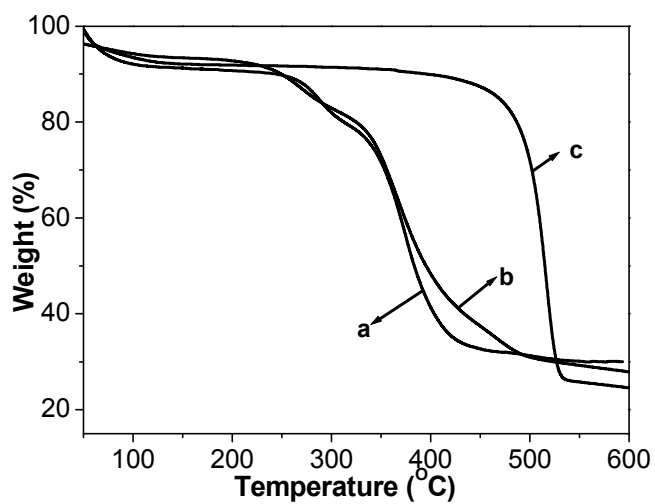


Figure S5. TGA curves of (a) PAM, (b) CB[6]-PAM-3 and (c) CB[6]

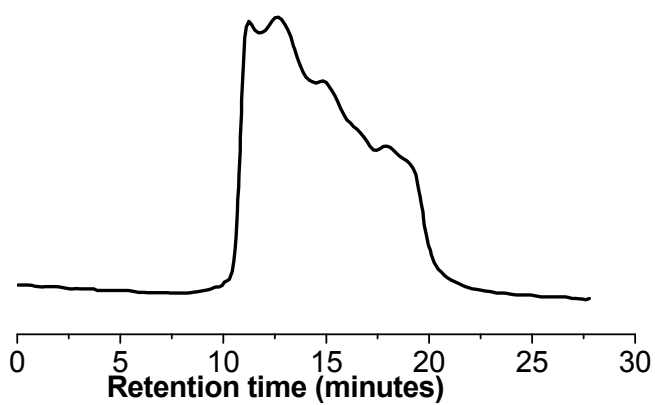


Figure S6. GPC trace of CB[6]-PAM-1 in phosphate buffer solution eluent

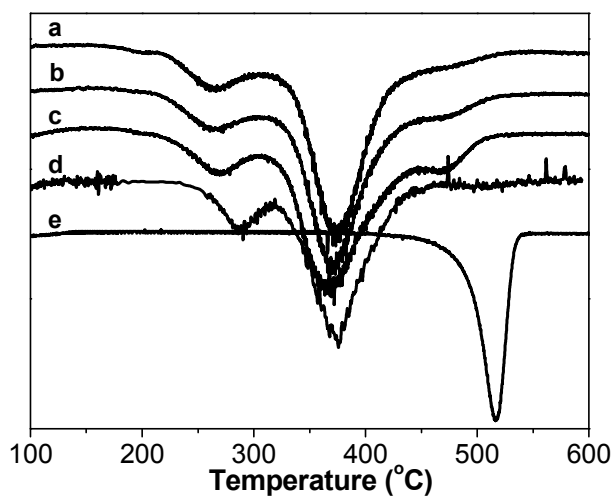


Figure S7. DTGA curves of (a) CB[6]-PAM-1, (b) CB[6]-PAM-2, (c) CB[6]-PAM-3, (d) PAM and (e) CB[6]