

Supplementary Information

Dual-responsive star-shaped polypeptides for drug delivery

Wenlong Wang, ^{#a} Liang Zhang, ^{#a} Mengtao Liu,^a Yuan Le,^{*a}
Shanshan Lv^a and Jian-Feng Chen^{ab}

^aState Key Laboratory of Organic-Inorganic Composites, Beijing University of Chemical Technology, Beijing 100029, PR China.

^bResearch Center of the Ministry of Education for High Gravity Engineering and Technology,
Beijing University of Chemical Technology, Beijing 100029, PR China

[#] These authors contributed equally to this work.

Corresponding author. Tel: +86-10-64447274. E-mail: leyuan@mail.buct.edu.cn

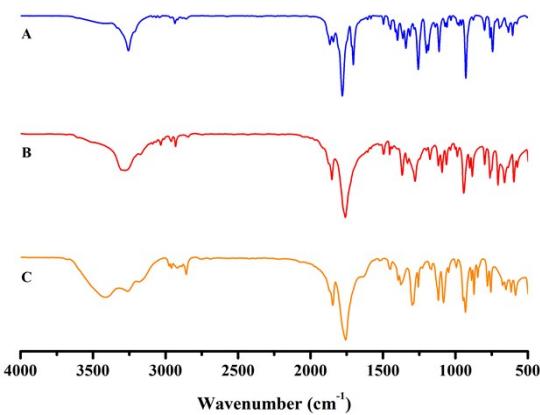


Fig. 1S FT-IR spectra of BLG-NCA (A), Phe-NCA (B) and Cys-NCA (C).

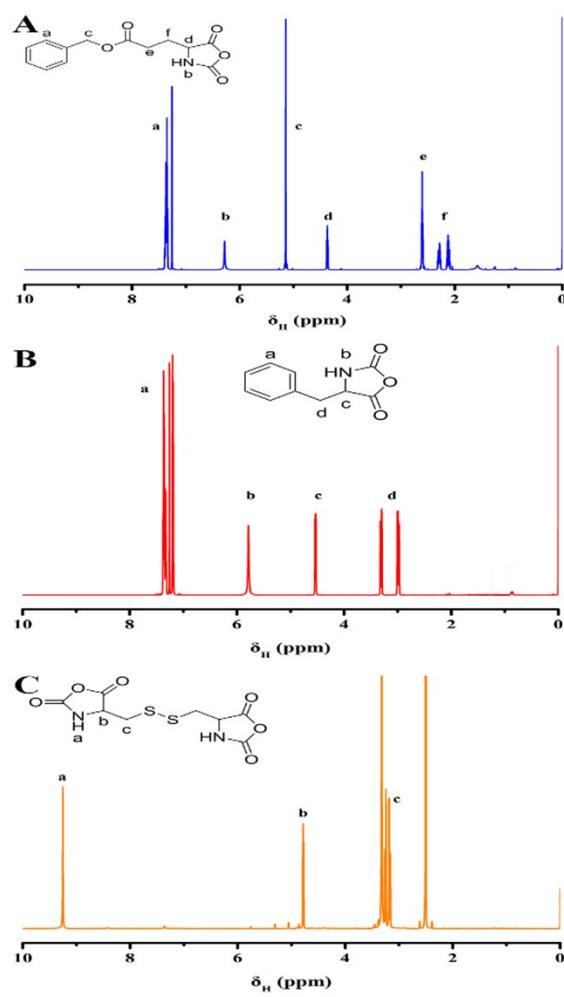


Fig. 2S ^1H NMR spectrum of BLG-NCA (A, CDCl_3), Phe-NCA (B, CDCl_3) and Cys-NCA (C, DMSO-d_6).