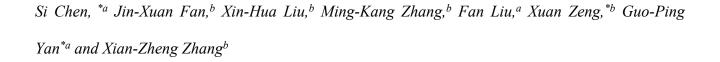
Electronic Supplementary Material (ESI) for Journal of Materials Chemistry B. This journal is © The Royal Society of Chemistry 2018

## **Electronic Supplementary Information**

of

## Self-delivery system based on amphiphilic proapoptotic peptide for tumor targeting therapy



- a. School of Material Science and Engineering, Wuhan Institute of Technology, Wuhan 430205, PR
  China.
- b. Key Laboratory of Biomedical Polymers of Ministry of Education & Department of Chemistry,
  Wuhan University, Wuhan 430072, PR China.

<sup>\*</sup> Corresponding Authors. sichen1989@163.com, zeng xuan@163.com, guopyan2006@163.com

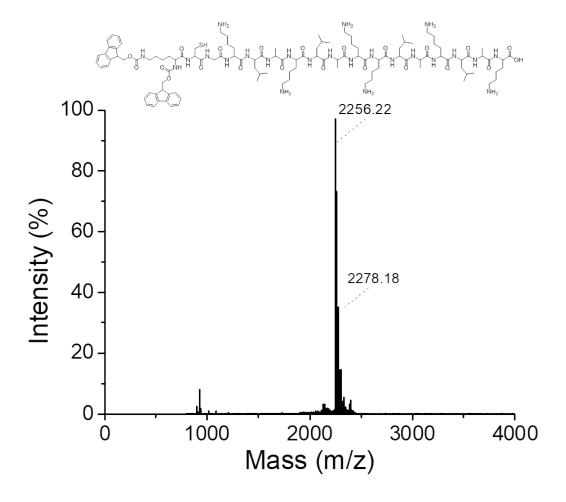


Figure S1. Chemical structure and mass spectra of KLAKLAKKLAKLAKGCK(Fmoc)<sub>2</sub>.

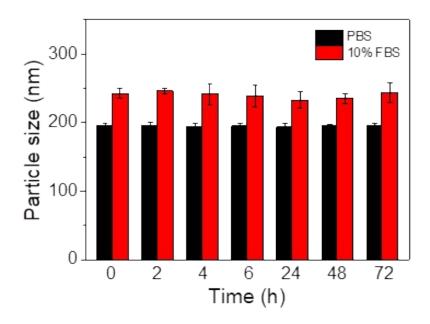


Figure S2. The particle size of KDH against medium with 10% serum or PBS

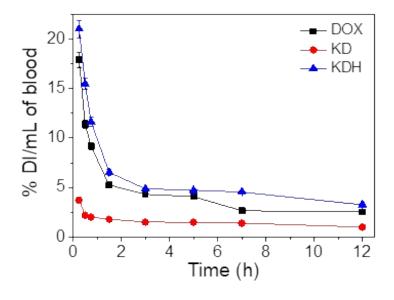


Figure S3. The pharmacodynamics study of samples

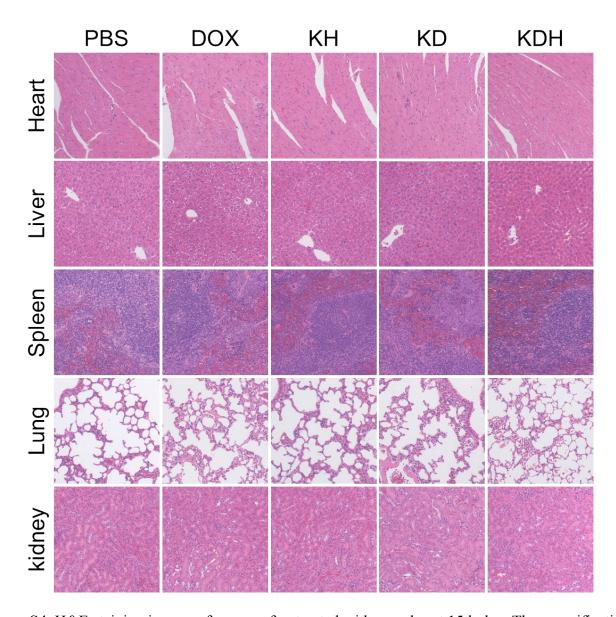


Figure S4. H&E staining images of organs after treated with samples at 15th day. The magnification was  $40 \times$ .