

pH-responsive AIE nanoprobe as drug delivery system for bioimaging and cancer therapy

Haibo Wang^a, Gongyan Liu^{bc*}, Shihua Dong^a, Junjie Xiong^d, Zongliang Du^a,
Xu Cheng^{a*}

^a College of Light Industry, Textile and Food Engineering, Sichuan University, Chengdu, 610065, China. E-mail: scuchx@163.com

^b National Engineering Laboratory of Clean Technology of Leather Manufacture, Sichuan University, Chengdu 610065, China. Email: lgy_3506@163.com

^c National Engineering Research Center for Biomaterials, Sichuan University, Chengdu 610065, China.

^d Department of Pancreatic Surgery, West China Hospital, Sichuan University, Chengdu 610041, China.

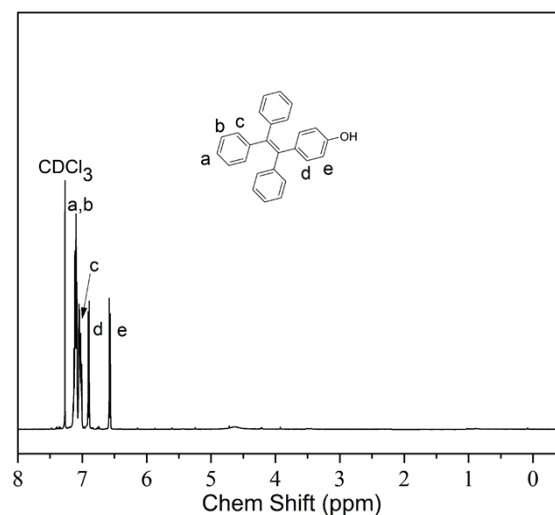


Fig. S1 ¹H NMR spectrum of TPE-OH

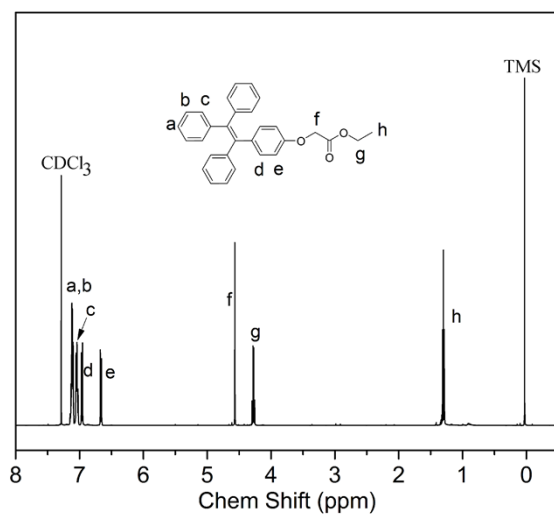


Fig. S2 ^1H NMR spectrum of TPE-AcOEt

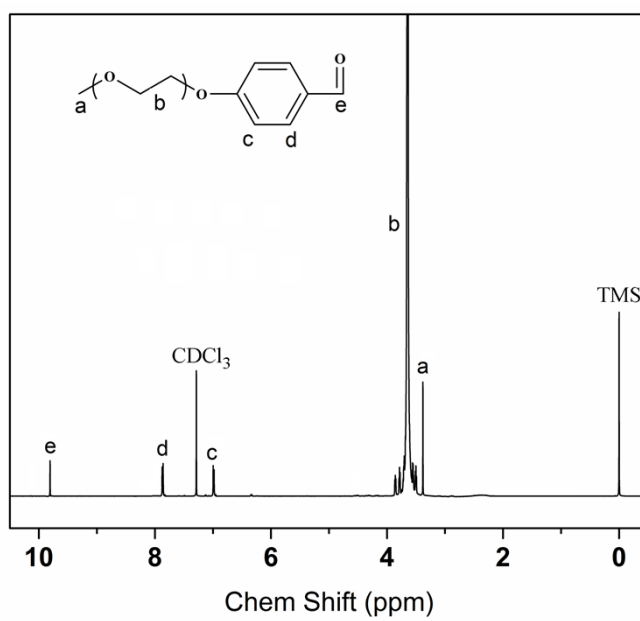


Fig. S3 ^1H NMR spectrum of MPEG- $\text{C}_6\text{H}_4\text{CHO}$.

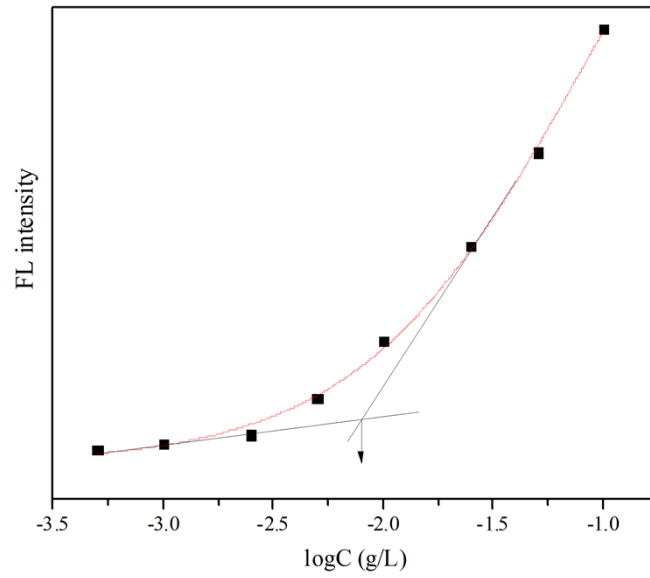


Fig.S4 the fluorescence emission intensity versus log of the MPEG-hyd-TPE concentration.

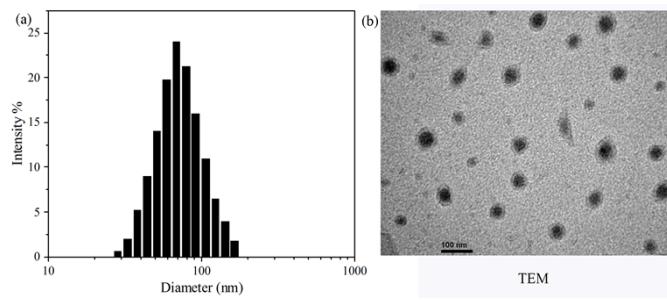


Fig.S5 DLS plot (a) and TEM image (b) of drug loaded micelles.