

Supporting Information (SI)

A biomimic fluorescent chemosensor for highly sensitive zinc(II) detection and its application for cell imaging †

Rui Yan^a, Zhi Wang^c, Zongliang Du^a, Haibo Wang^a, Xu Cheng^{a*}, Junjie Xiong^{b*}

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

^b Department of Pancreatic Surgery, West China Hospital, Sichuan University, Chengdu 610041, China. E-mail: junjiex2011@126.com

^c State Key Laboratory of Biotherapy, Sichuan University, Chengdu 610041, China.

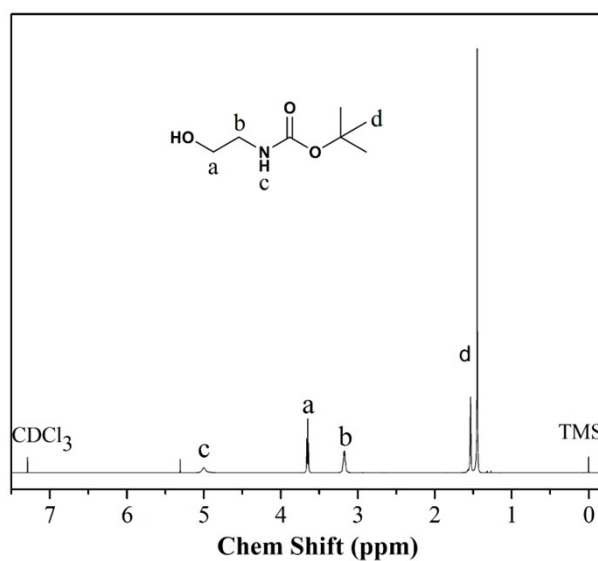


Fig. S1 the ¹H NMR spectra of *N*(Boc) protected ethanolamine

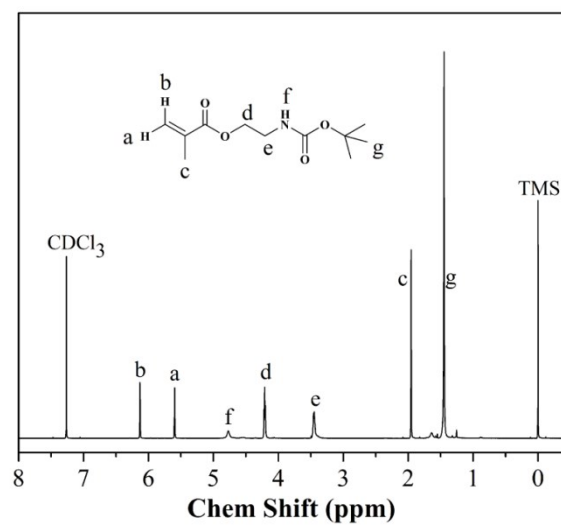


Fig. S2 the ¹H NMR spectra of *N*-Boc- aminoethyl methacrylate

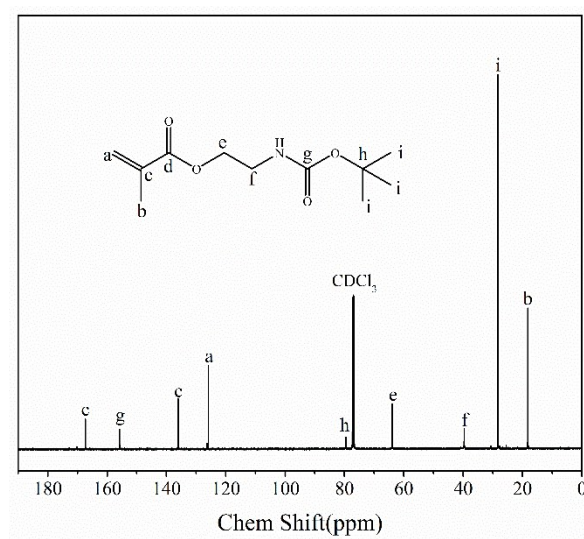


Fig. S3 the ¹³C NMR spectra of *N*-Boc- aminoethyl methacrylate