

Electronic Supplementary Material

Highly selective and effective mercury (II) fluorescent sensor

JingHan Hu, JianBin Li, Jing Qi, JuanJuan Chen

College of Chemical and Biological Engineering, Lanzhou Jiaotong University, Lanzhou,

Gansu, 730070, P. R. China

Fig. S1 UV-vis spectra of **L** and in the presence of 10 equiv. of Hg^{2+} in $\text{H}_2\text{O}/\text{DMSO}$ (1:9, v/v) binary solution at room temperature.

Fig. S2 ^1H -NMR spectrum of **L** in DMSO.

Fig. S3 ESI-MS spectrum of **L** in DMSO.

Fig. S4 ESI-MS spectrum in the presence of Hg^{2+} in DMSO.

