

Supporting Information

Silicone Polymer Modified by Fluoranthene Groups as a New Approach for Detecting Nitroaromatic Compounds

Yan Liang^{a,b*}, Lingxia Xu^c, Fusheng Qu^a, Ke Tang^c, Hua Wang^{d*}, William W. Yu^d

a College of Food Science and Engineering, Qilu University of Technology (Shandong Academy of Sciences), Jinan, Shandong 250353, People's Republic of China.

b Weihai New Era Chemical CO., LTD, Weihai, Shandong 264205, People's Republic of China.

c College of Biotechnology, Qilu University of Technology (Shandong Academy of Sciences), Jinan, Shandong 250353, People's Republic of China.

d Department of Chemistry and Physics, Louisiana State University, Shreveport, LA 71115, US.

* liangyan@qlu.edu.cn (Yan Liang)

hwang@lsus.edu (Hua Wang)

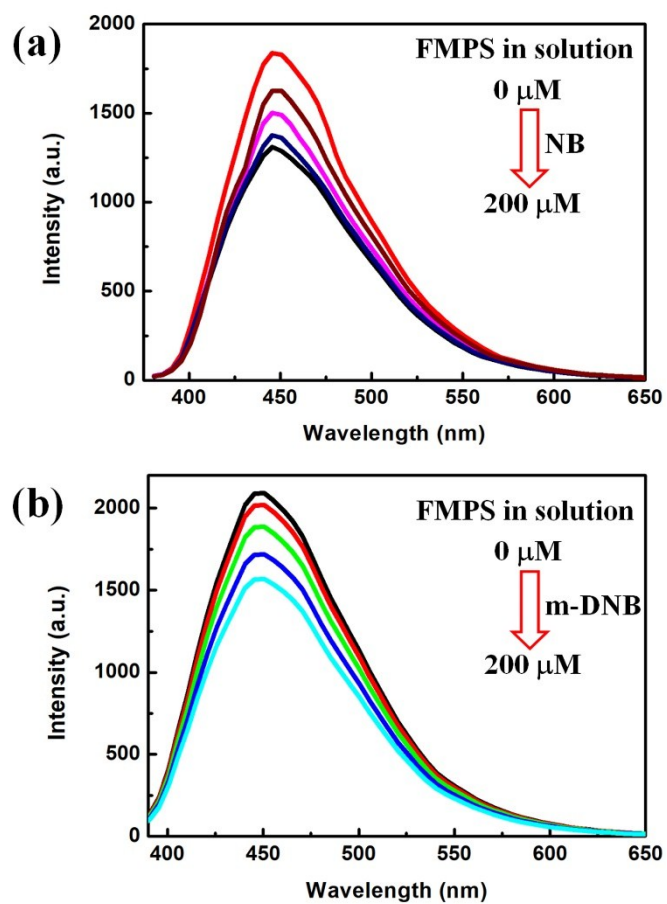


Fig. S1 PL spectra of **FMPS** containing different amounts of NB (a) and m-DNB (b) in THF solution.

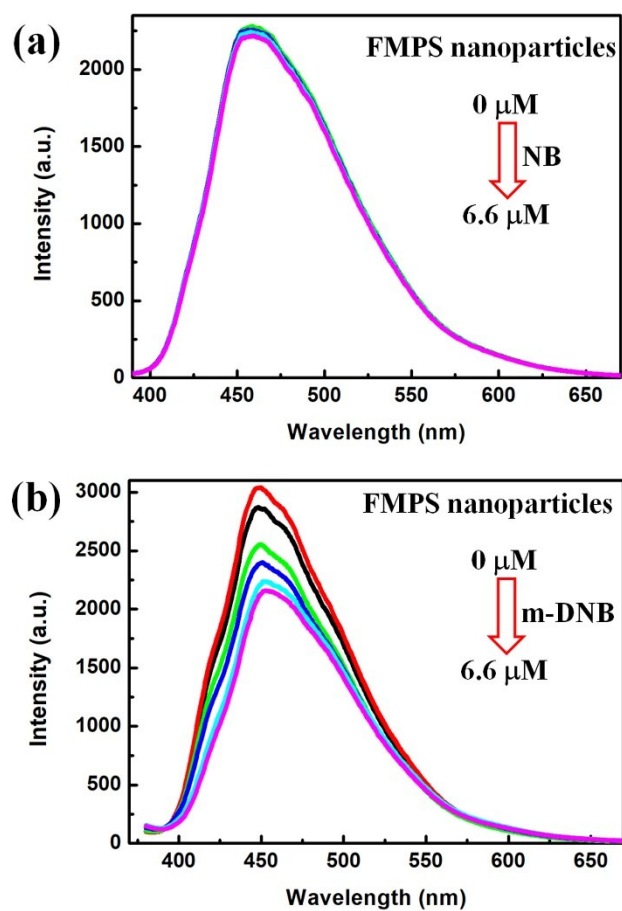


Fig. S2 PL spectra of FMPS nanoparticles containing different amounts of NB (a) and m-DNB (b).