

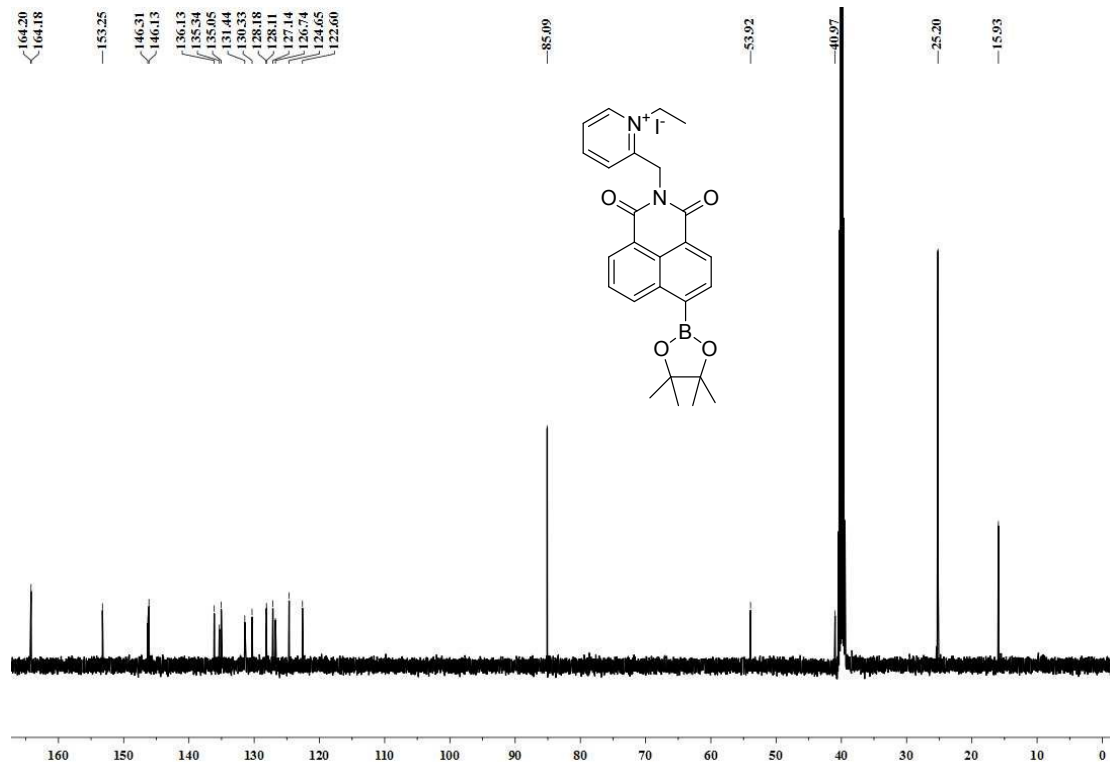
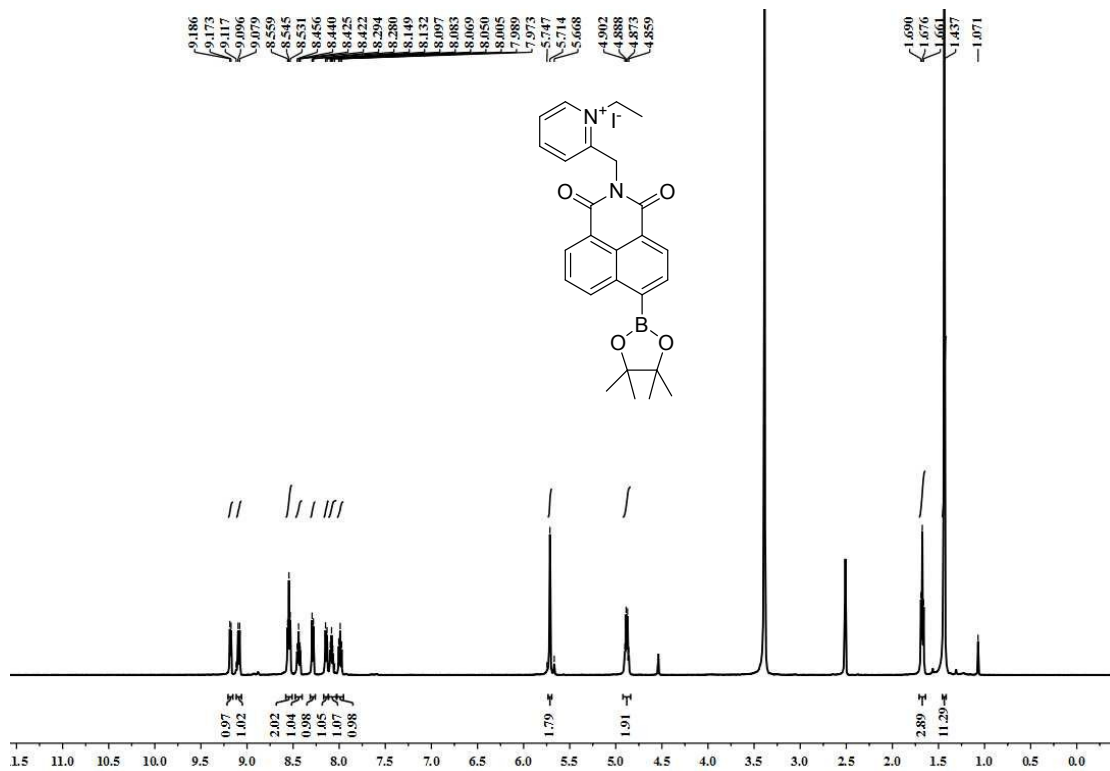
Supporting Information

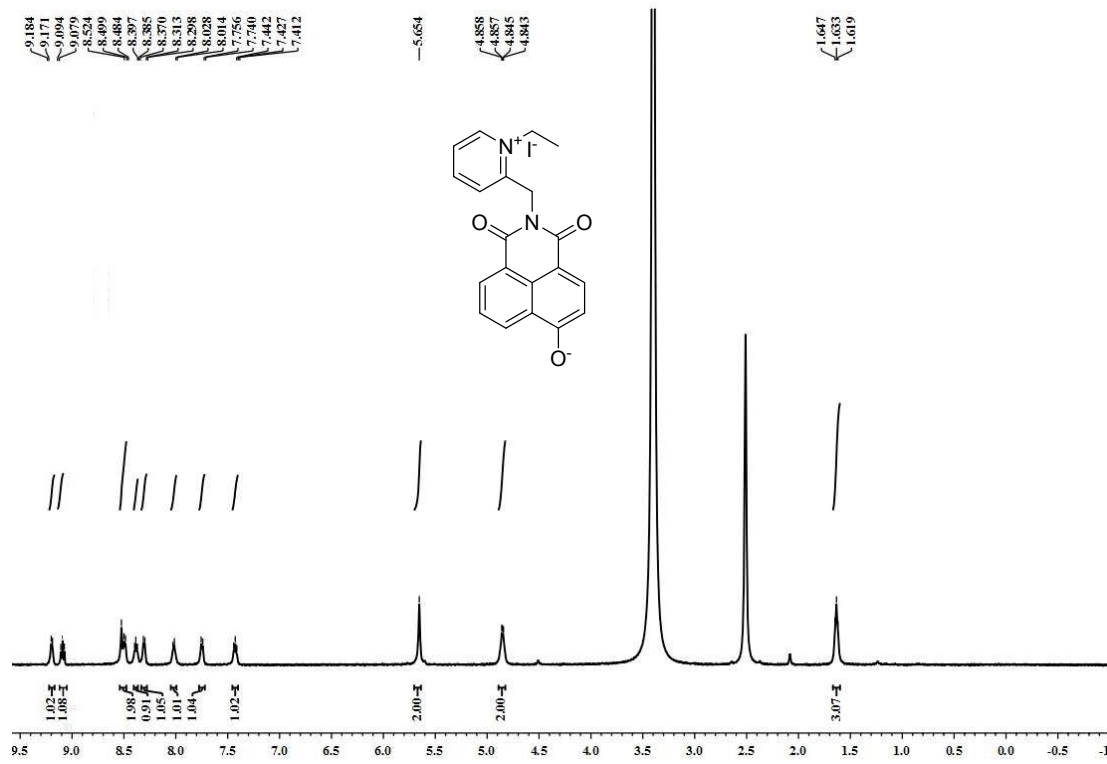
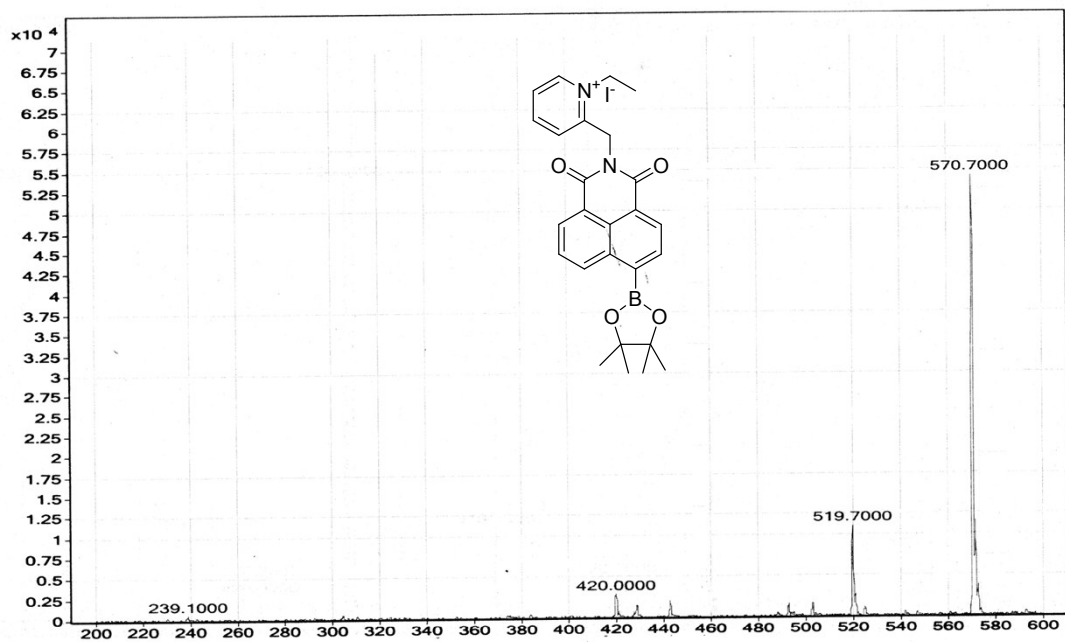
A new water-soluble and colorimetric fluorescent probe for highly sensitive detection of organophosphorus pesticides

Youming Shen,^{ab} Fengmei Yan,^a Xi Huang,^b Xiangyang Zhang,^{*a} Youyu Zhang,^{*b} Chunxiang Zhang,^a Junling Jin,^{*a} Haitao Li,^b and Shouzhuo Yao^b

^a College of Chemistry and Chemical Engineering, Hunan University of Arts and Science, ChangDe, 415000, PR China E-mail: zhangxiangy06@163.com

^b Key Laboratory of Chemical Biology and Traditional Chinese Medicine Research (Ministry of Education), College of Chemistry and Chemical Engineering, Hunan Normal University, Changsha 410081, PR China E-mail: zhangyy@hunnu.edu.cn





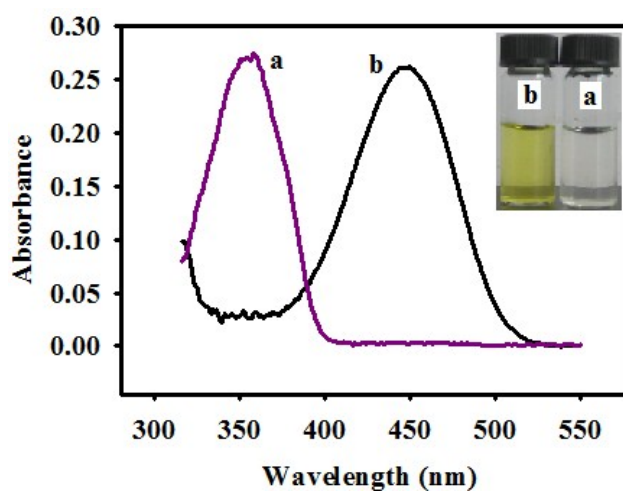
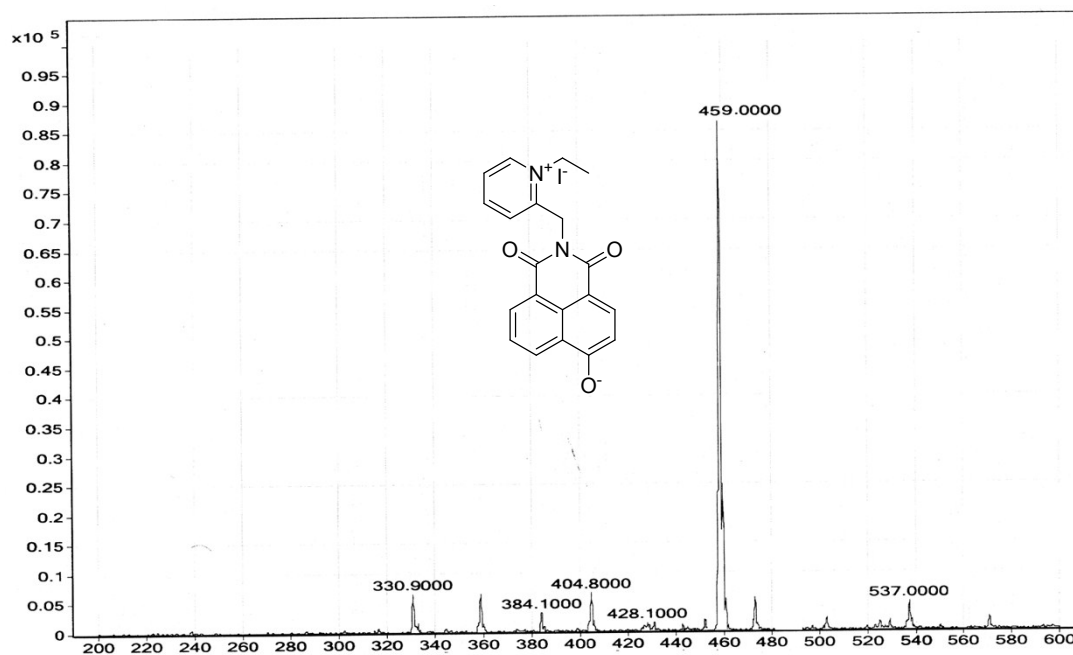


Fig. S1 UV-vis absorption spectra of PBS buffered solution (10 mM, pH = 7.4). (a) Compound **1** + AchE + ChOx + parathion-methyl + ACh, (b) Compound **1** + AchE + ChOx + ACh. $\lambda_{\text{ex}} = 455$ nm.