

Supporting information

Photoluminescent Sensor for Acetylcholinesterase Inhibitor Determination

Muhammad Saleem^a, Luke P. Lee^b, Ki Hwan Lee^{a,*}

^aDepartment of Chemistry, Kongju National University, Gongju, Chungnam 314-701, Republic of Korea

^bDepartments of Bioengineering, Electrical Engineering and Computer Science, and Biophysics Program, University of California, Berkeley, California 94720, USA

*corresponding author. Fax: +82-41-856-8613; E-mail address: khlee@kongju.ac.kr

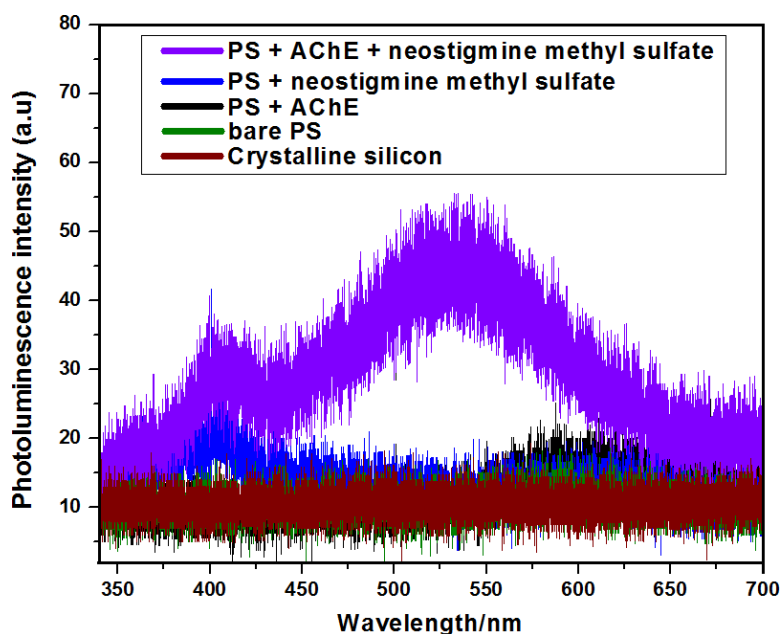


Fig. S1. Photoluminescence spectra of crystalline silicon surface; bare porous silicon surface; acetylcholinesterase immobilized porous silicon surface; bare porous silicon surface on incubation with neostigmine methyl sulfate and acetylcholinesterase immobilized porous silicon surface after incubation with standard acetylcholinesterase inhibitors *i. e.*, neostigmine methyl sulfate.