

Supporting Information

A Novel Luminescent Bifunctional POSS as a Molecular Platform for Biomedical Applications

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Figures

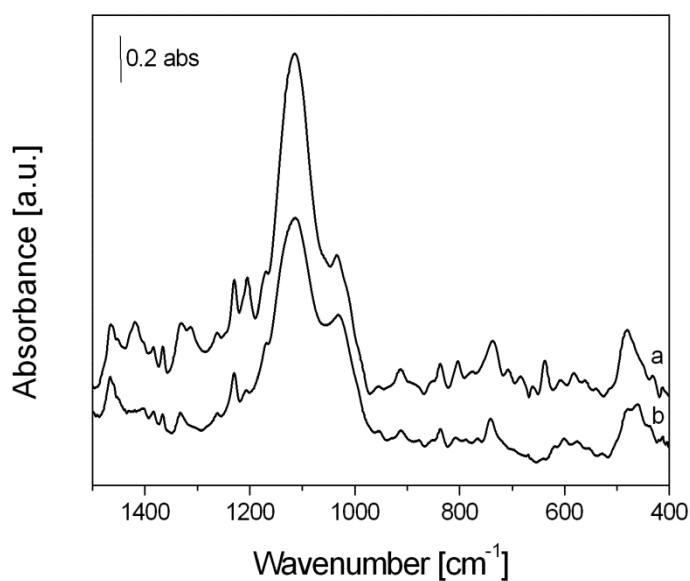


Figure S1. IR spectrum of POSS_F in KBr matrix, in the range 1500 - 400 cm^{-1} , before (curve a) and after (curve b) water treatment at 37°C for 7 days.

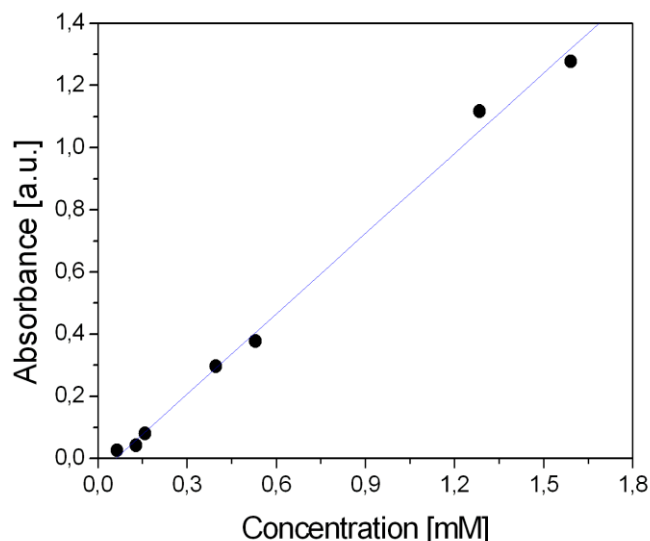


Figure S2. Calibration curve made with UV-Visible data for fluorescein isothiocyanate in THF solvent.

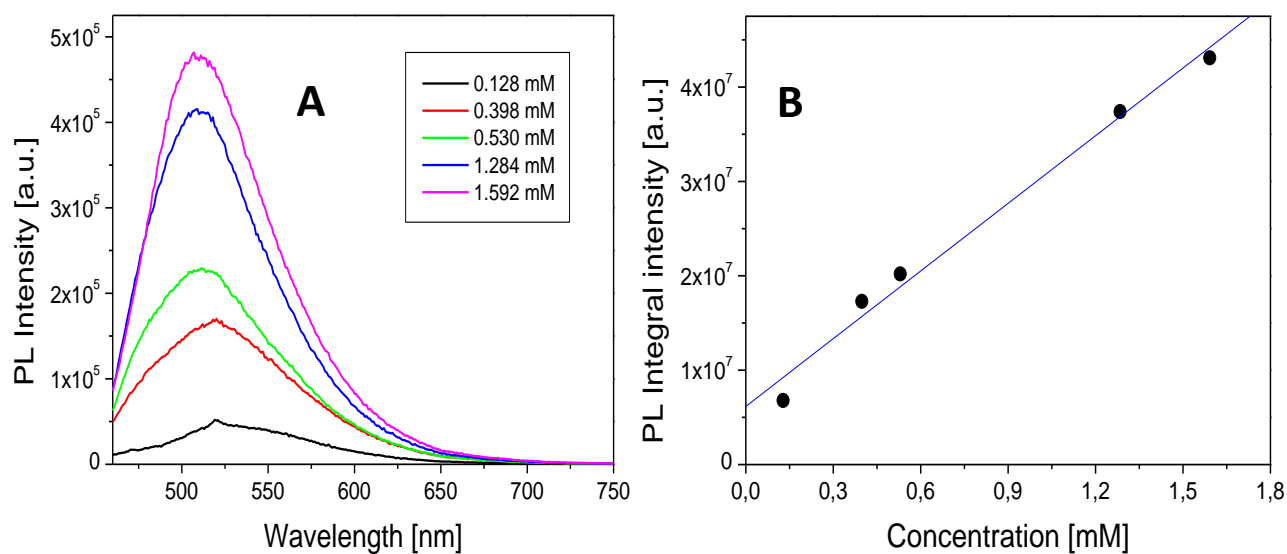


Figure S3. A) Photoluminescence spectra of fluorescein solution in THF from 0.128 mM to 1.592 mM under excitation at 460 nm. B) Correlation between PL integral intensity and the concentration of different solutions. Self-absorption phenomena for fluorescein dye are not present in this concentration range as indicated by the linearity relation reported in B.