Proton-sensitive fluorescent organogels

Kazunori Sugiyasu, Norifumi Fujita, Masayuki Takeuchi, Sunao Yamada, and Seiji Shinkai*

*a Department of Chemistry and Biochemistry, Graduate School of Engineering, Kyushu University, 6-10-1 Hakozaki, Higashi-ku, Fukuoka, 812-8581, Japan. E-mail: seijitcm@mbox.nc.kyushu-u.ac.jp; Fax: +81 92 642 3611

b Department of Materials Physics and Chemistry, Graduate School of Engineering, Kyushu University, 6-10-1 Hakozaki, Higashi-ku, Fukuoka, 812-8581, Japan.

Supplementary Fig. 1 Excitation spectrum (red) of 1·H⁺ and fluorescence spectrum (blue) of 1 in 1-propanol at 25 °C: [1] = 1.6×10⁻⁵ mol dm⁻³, [TFA (when added)] = 15 mmol dm⁻³, excitation wavelength 285 nm, fluorescence wavelength 493 nm.