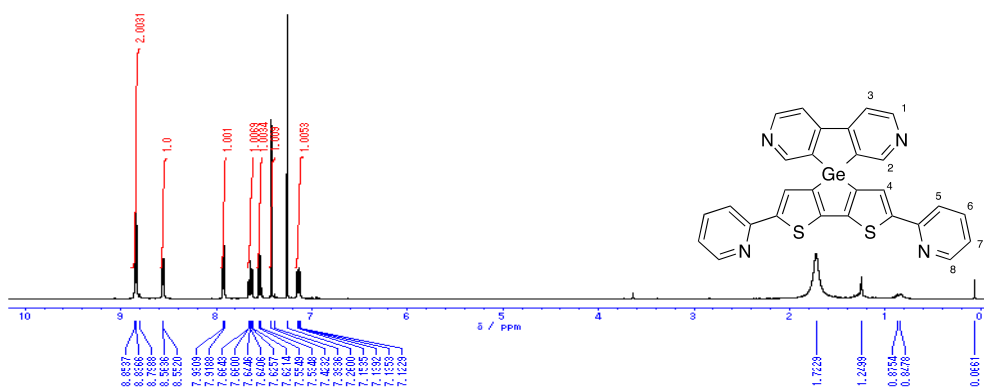


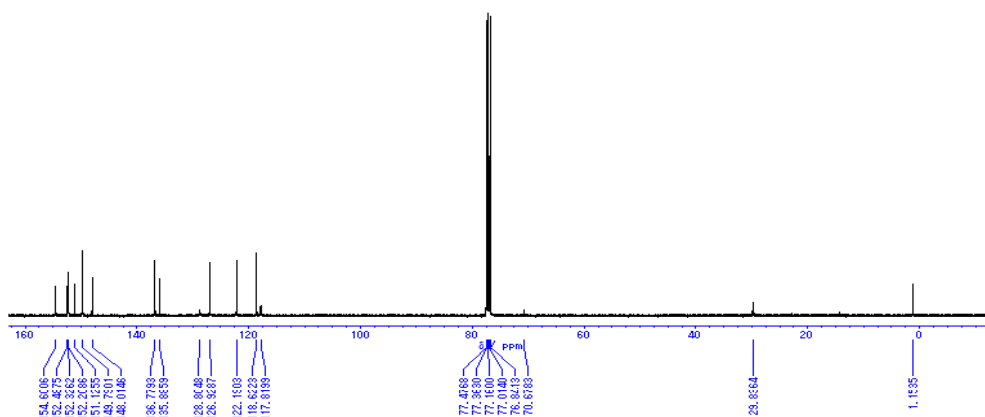
Supporting Information

Single Oxygen Generation Sensitized by
Spiro(dipyridinogermole)(dithienogermole)s

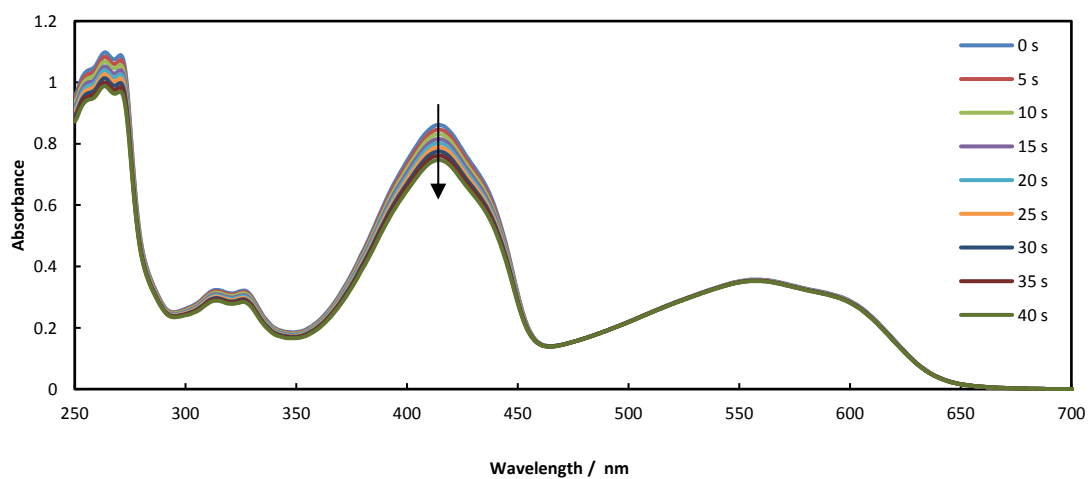
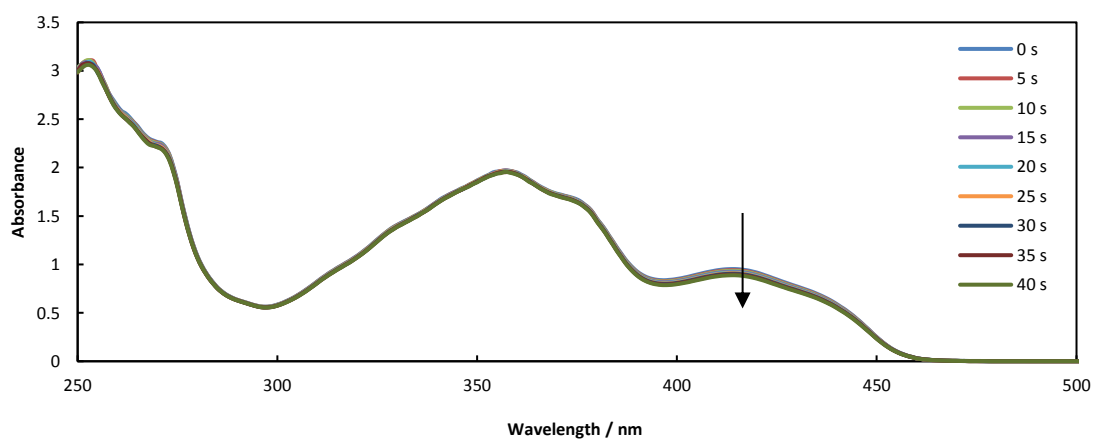
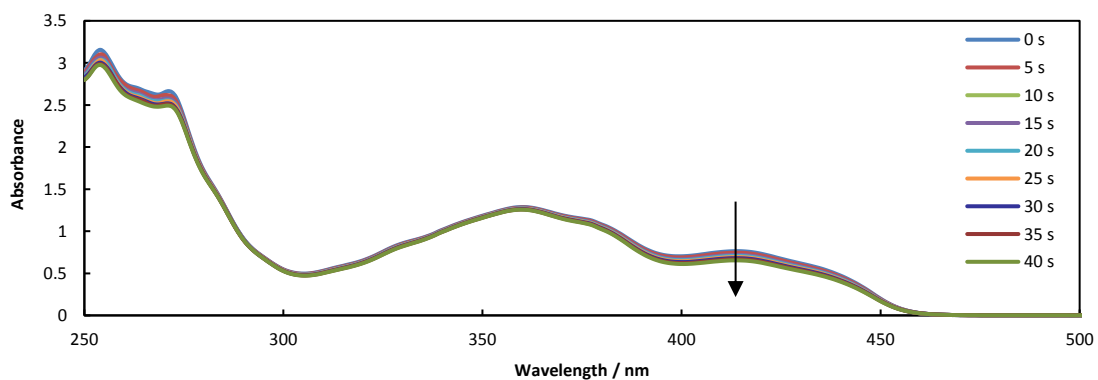
J. Ohshita,* Yuya Hayashi, Kazuya Murakami, Toshiaki Enoki, and Yousuke Ooyama
Department of Applied Chemistry, Graduate School of Engineering, Hiroshima University, Higashi-Hiroshima 739-8527, Japan. E-mail: jo@hiroshima-u.ac.jp



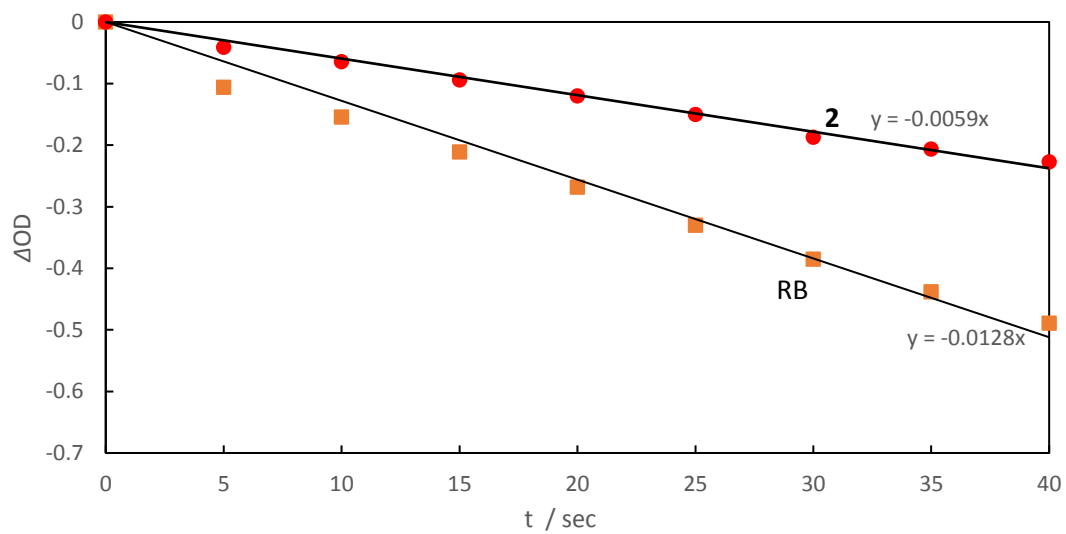
• **Figure S-1.** ¹H NMR Spectrum of 3 (CDCl₃)



• **Fig. S2.** ¹³C NMR Spectrum of 3 (CDCl₃)



• **Fig. S-3.** Changes of UV-vis absorption spectra of a solution of **1** (top), **4** (middle) and **5** (bottom) containing DPBF as a $^1\text{O}_2$ scavenger in air-saturated dichloromethane upon irradiation at 390 nm for **1** and **4**, and 509 nm for **5**.



• **Fig. S-4.** Plots of ΔOD of DPBF at 414 nm versus irradiation time for the solutions of **2** and RB in acetonitrile ($\lambda_{\text{ex}} = 509 \text{ nm}$).