

Supplementary Information

Unveiling the Triplet-State Interaction Mechanism Between 4-Carboxybenzophenone and 2-Naphthalene Sulfonate — A Laser Flash Photolysis Study

Piotr Filipiak ^{1,2,*}, Katarzyna Grzyb ¹, Monika Borkowska ¹ and Tomasz Pedzinski ^{1,2,*}

¹ Faculty of Chemistry, Adam Mickiewicz University, 8 Uniwersytetu Poznańskiego, 61-614 Poznań, Poland;
katarzyna.grzyb@amu.edu.pl (K.G.); monika.borkowska@amu.edu.pl (M.B.)

² Radiation Laboratory, University of Notre Dame, Notre Dame, IN 46556, USA

* Correspondence: piotr@amu.edu.pl (P.F.); tomekp@amu.edu.pl (T.P.)

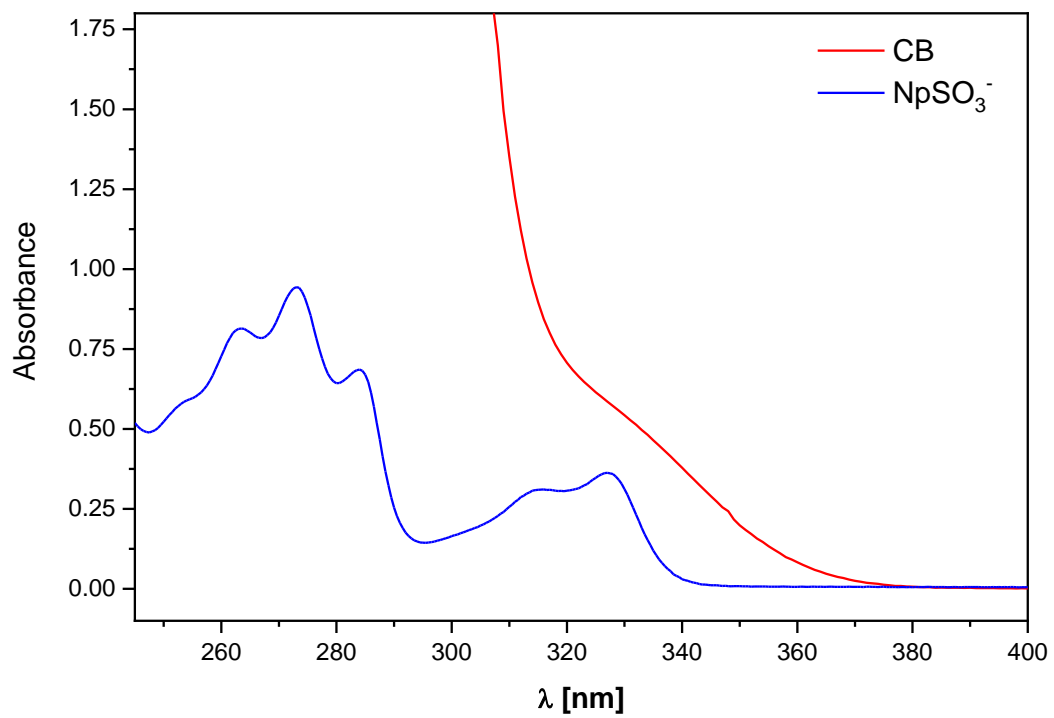


Figure S1. Absorption spectra of aqueous solutions of CB and NpSO_3^- .

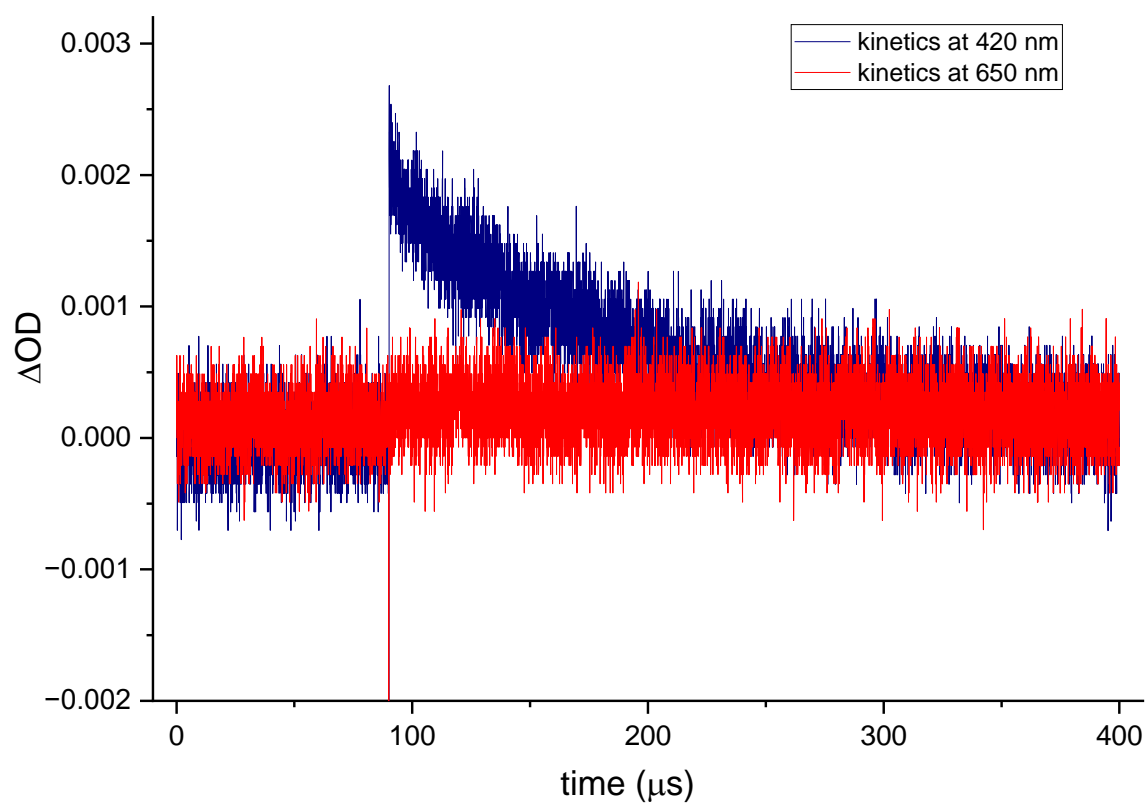


Figure S2. 337-nm-LFP kinetic traces acquired at 420 nm (navy) and 650 nm (red).

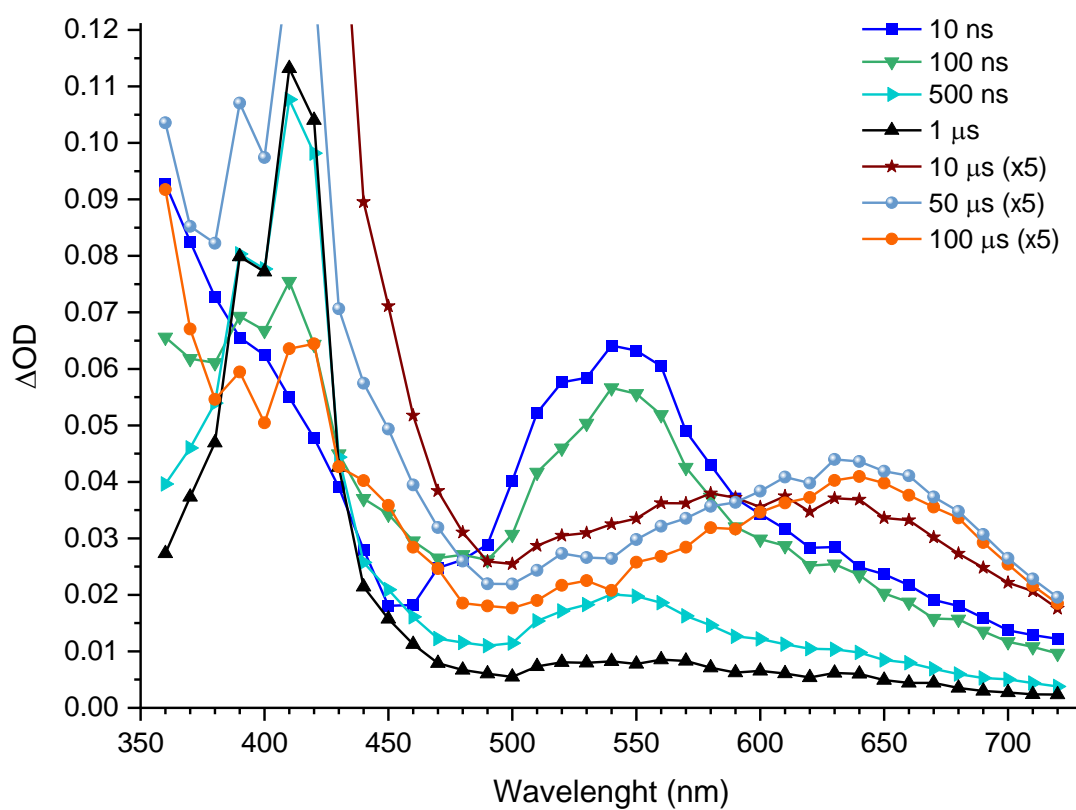


Figure S3. Transient absorption spectra observed at selected time intervals following the 337 nm laser excitation of CB - NpSO₃⁻ system.