Supplementary Information

Configuration and Conformation of Poly(3-carbazolylacetylene) Including *Cis* and *Trans*Radicals Revealed by ESR Spectroscopy

Takahiro Sasaki, a Yasuteru Mawatari, * a,b and Masayoshi Tabata * c

^a Department of Applied Chemistry, Graduate School of Engineering, Muroran Institute of Technology, 27-1 Mizumoto-cho, Muroran, Hokkaido 050-8585, Japan ^b Research Center for Environmentally Friendly Materials Engineering, Muroran Institute of Technology, 27-1 Mizumoto-cho, Muroran, Hokkaido 050-8585, Japan ^c Center of Environmental Science and Disaster for Advanced Research, Muroran Institute of Technology, 27-1 Mizumoto-cho, Muroran, Hokkaido 050-8585, Japan

E mail: mawatari@mmm.muroran-it.ac.jp

tabata@mmm.muroran-it.ac.jp.

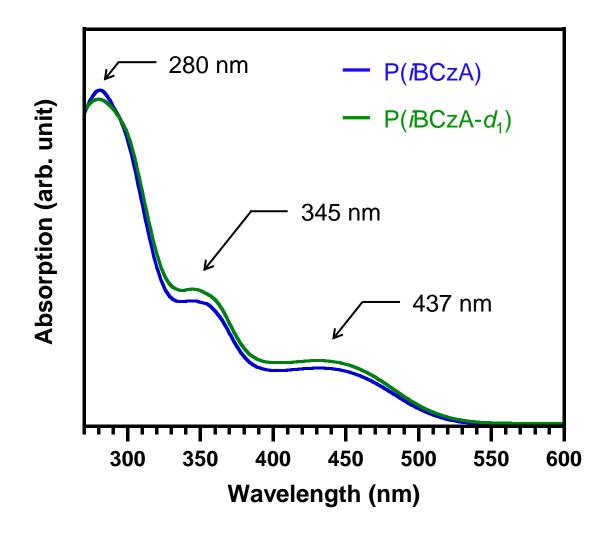


Fig. S1 UV-vis spectra of P(iBCzA) and $P(iBCzA-d_1)$ measured in CCl_4 at room temperature.