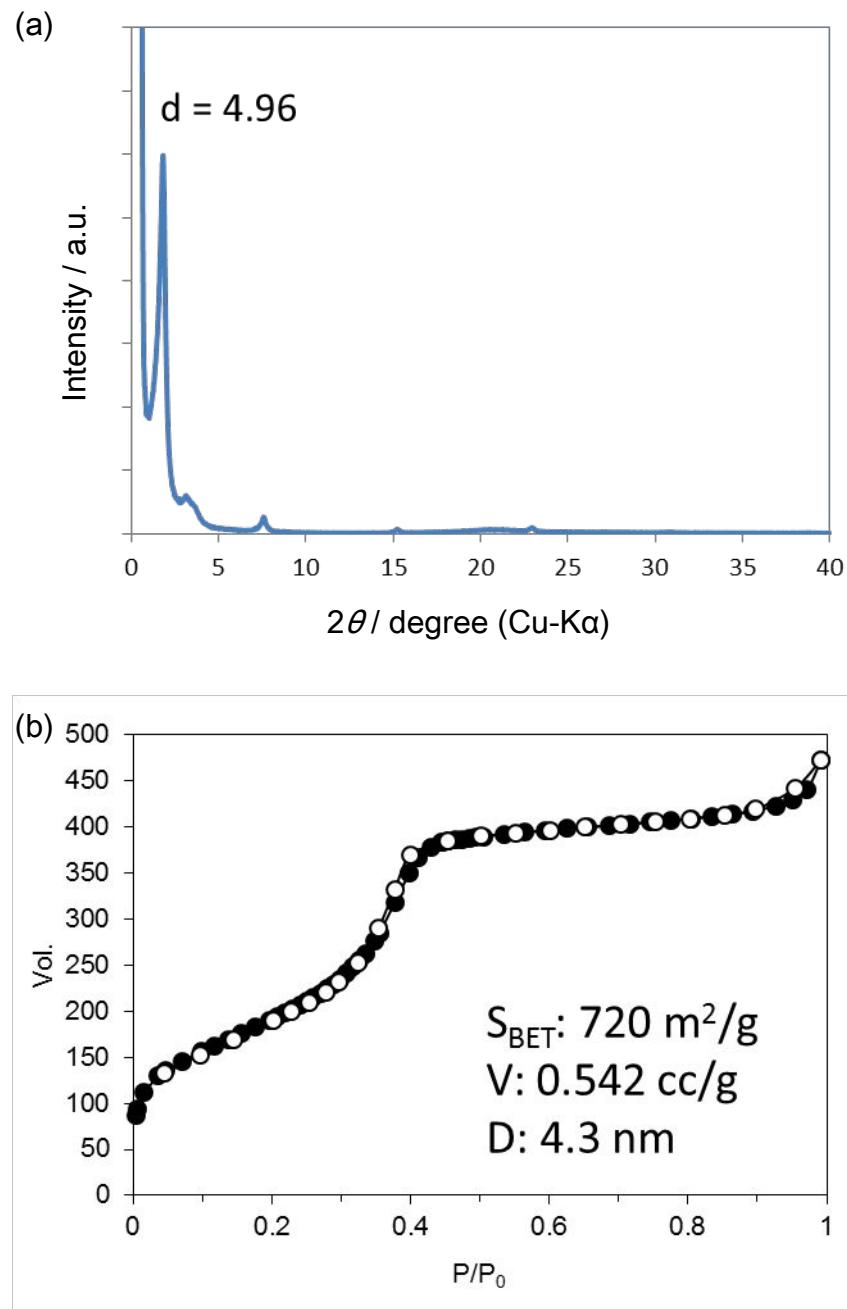
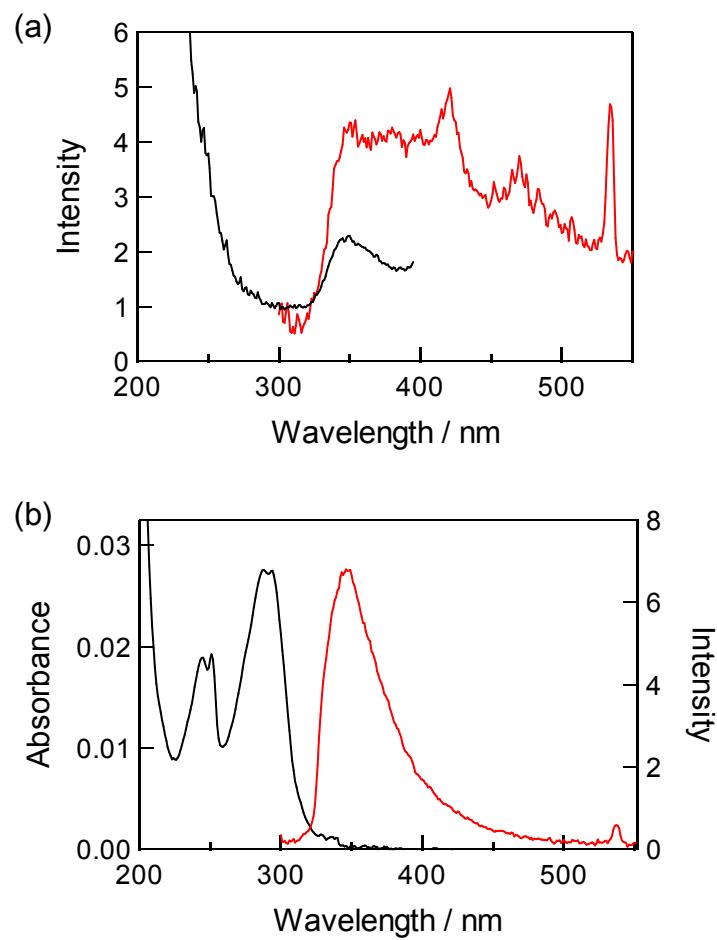


## Supporting Information



**Figure S1.** (a) XRD pattern and (b) nitrogen adsorption/desorption isotherms for BPy-PMO.



**Figure S2.** (a) Fluorescence spectrum (red line,  $\lambda_{\text{excitation}} = 265 \text{ nm}$ ) and excitation spectrum (black line,  $\lambda_{\text{monitor}} = 500 \text{ nm}$ ) of BPY-PMO dispersed in ethanol. (b) Fluorescence spectrum (red line,  $\lambda_{\text{excitation}} = 265 \text{ nm}$ ) and absorption spectrum (black line) of BTPB in *n*-hexane.

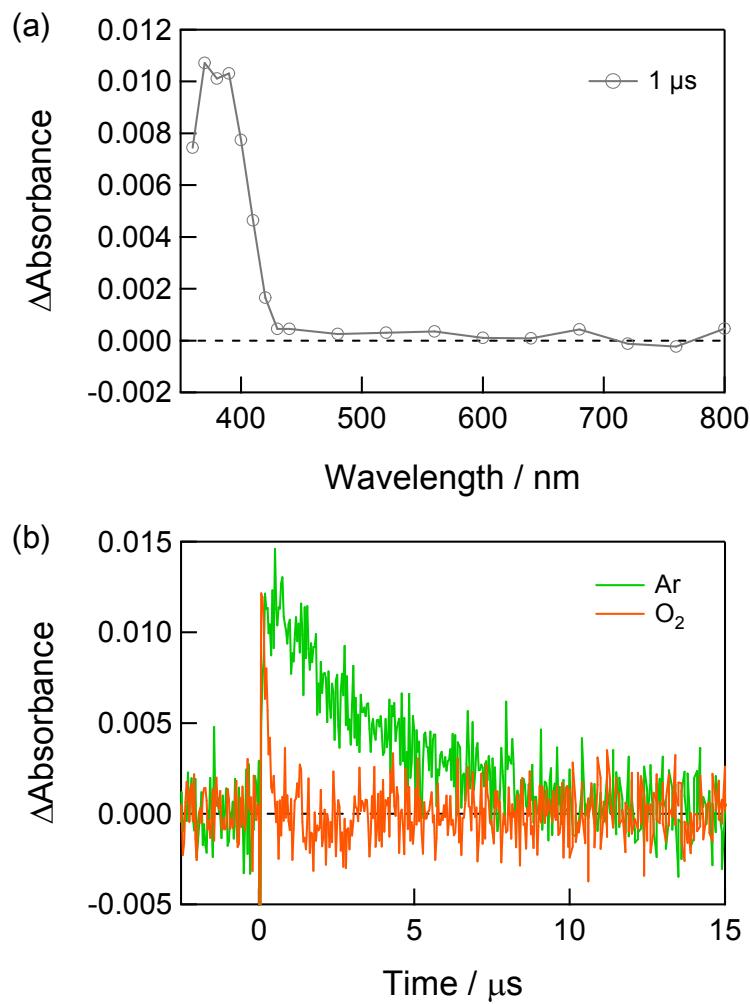


Figure S3. (a) Transient absorption spectra of BTPB in Ar-saturated *n*-hexane. (b) Decay curves monitored at 390 nm ( $\lambda_{\text{excitation}} = 266 \text{ nm}$ ).