

## **Electronic Supplementary Information**

### **Photoinduced Energy and Charge Transfer in a *p*-Phenylene-Linked Dyad of Boron Dipyrromethene and Monostyryl Boron Dipyrromethene**

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#### **Contents**

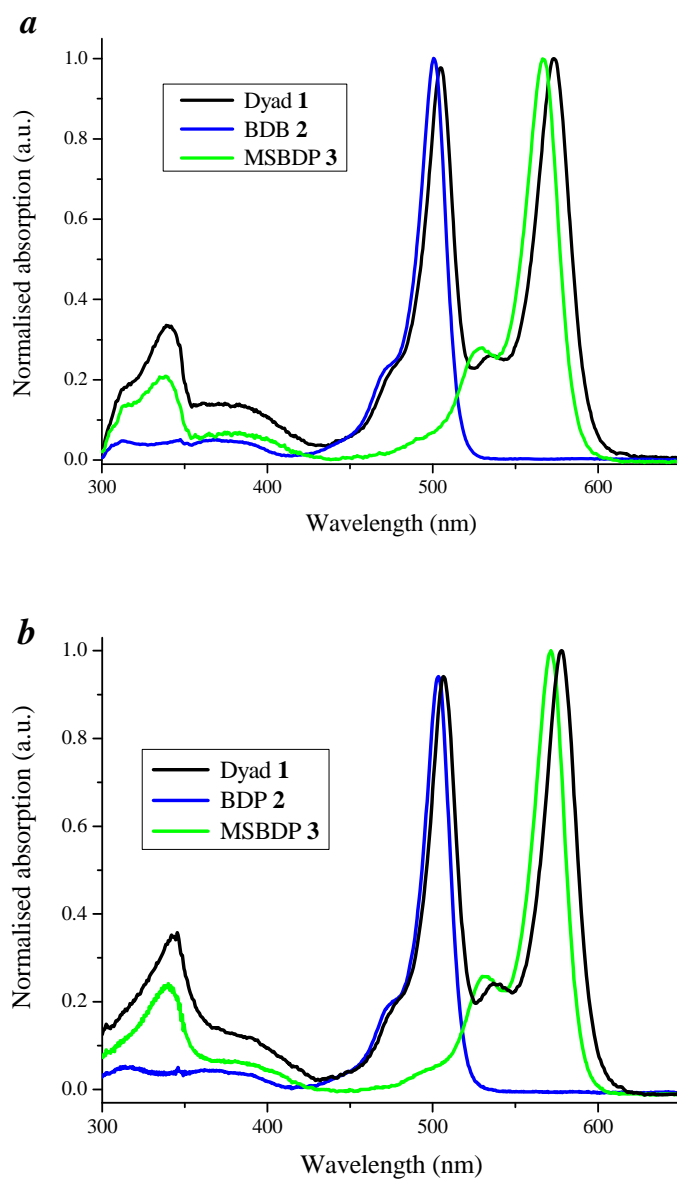
**Fig. S1** Normalised UV/Vis spectra of dyad **1**, BDP **2** and MSBDP **3** in CH<sub>2</sub>Cl<sub>2</sub> (*a*) and PhMe (*b*).

**Fig. S2** Steady-state fluorescence spectra of dyad **1**, BDP **2** and MSBDP **3** in CH<sub>2</sub>Cl<sub>2</sub> upon MSBDP- (*a*) or BDP- (*b*) part excitation. The concentration of the molecules was 1 μM.

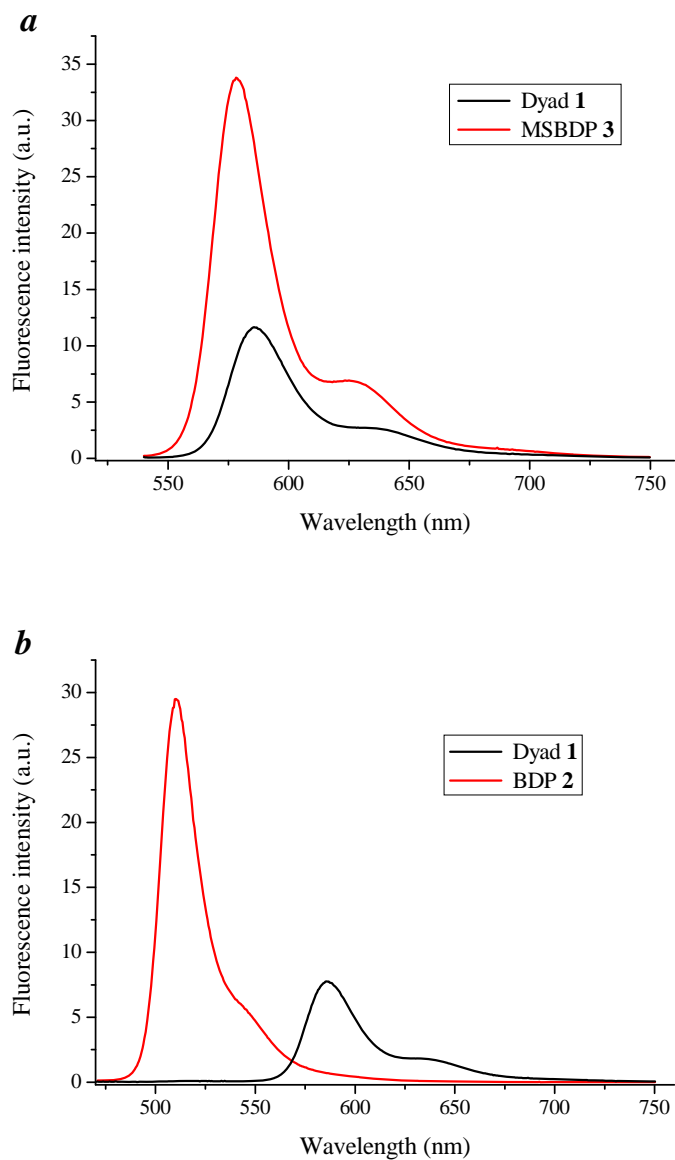
**Fig. S3** Normalised absorption and excitation spectra of dyad **1** in PhMe. The excitation spectrum was obtained by monitoring the fluorescence of MSBDP at 588 nm.

**Fig. S4** DAF spectra of dyad **1** in PhMe (*a*) or CH<sub>3</sub>CN (*b*) upon excitation of the BDP moiety.

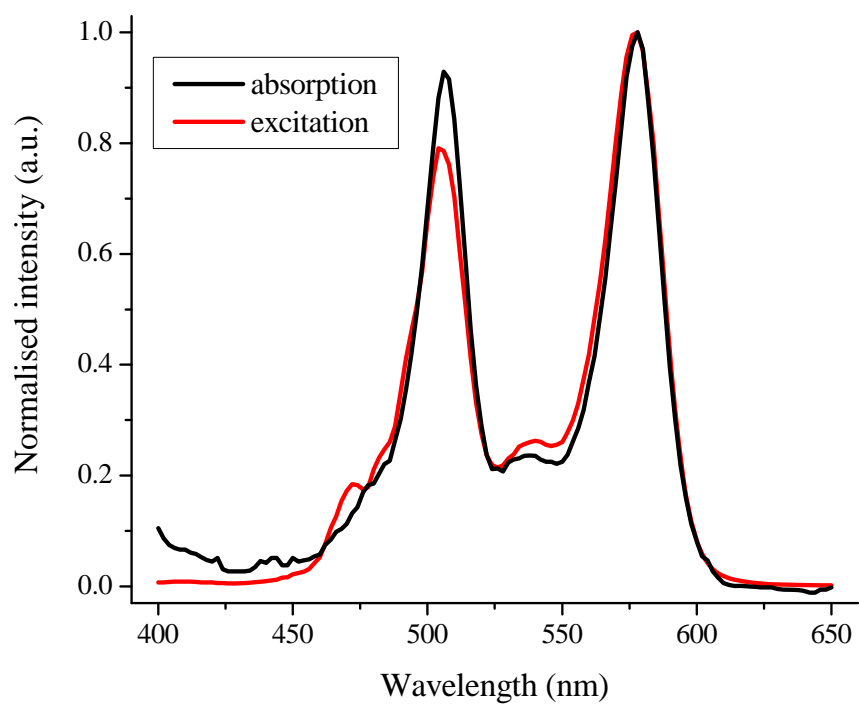
**Fig. S5** Transient absorption spectra of dyad **1** in CH<sub>3</sub>CN (*a*) and PhMe (*b*) at different delay times after BDP-part excitation.



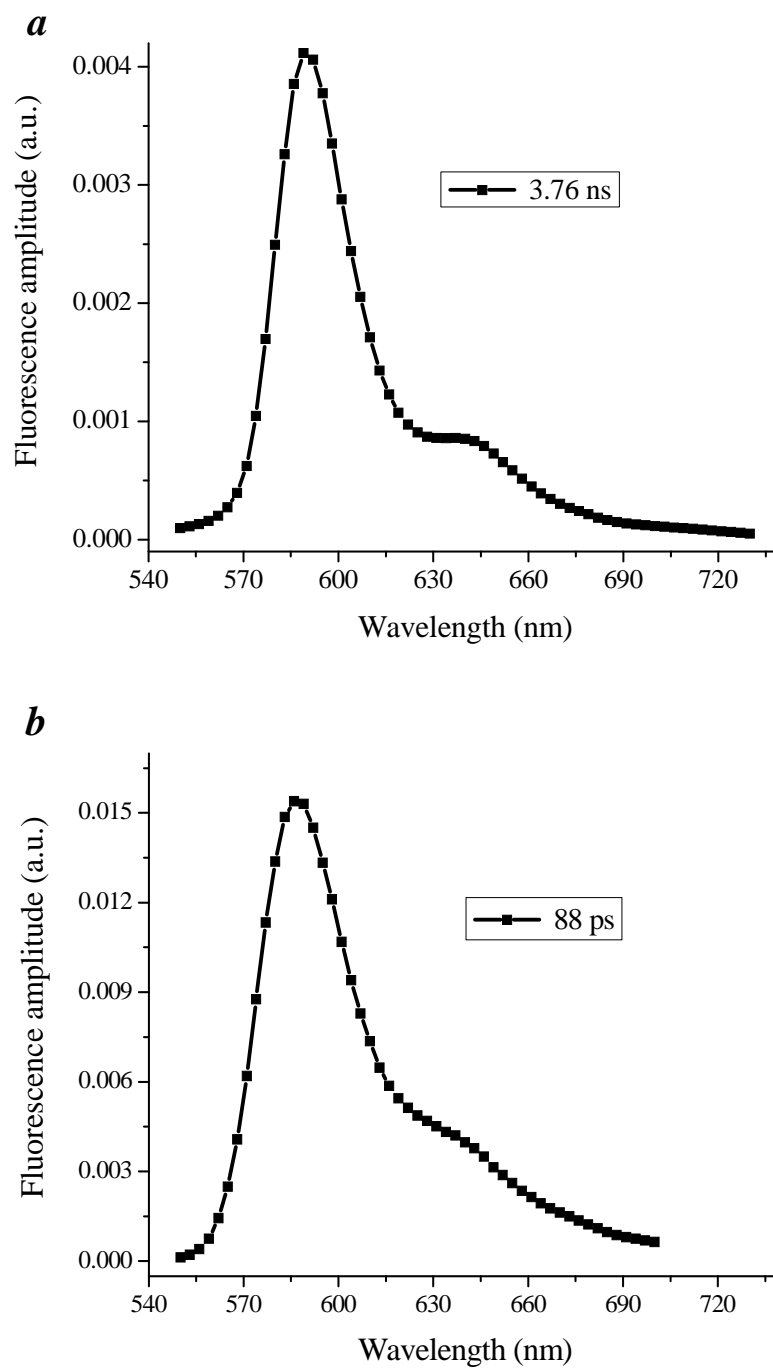
**Fig. S1** Normalised UV/Vis spectra of dyad 1, BDP 2 and MSBDP 3 in CH<sub>2</sub>Cl<sub>2</sub> (a) and PhMe (b).



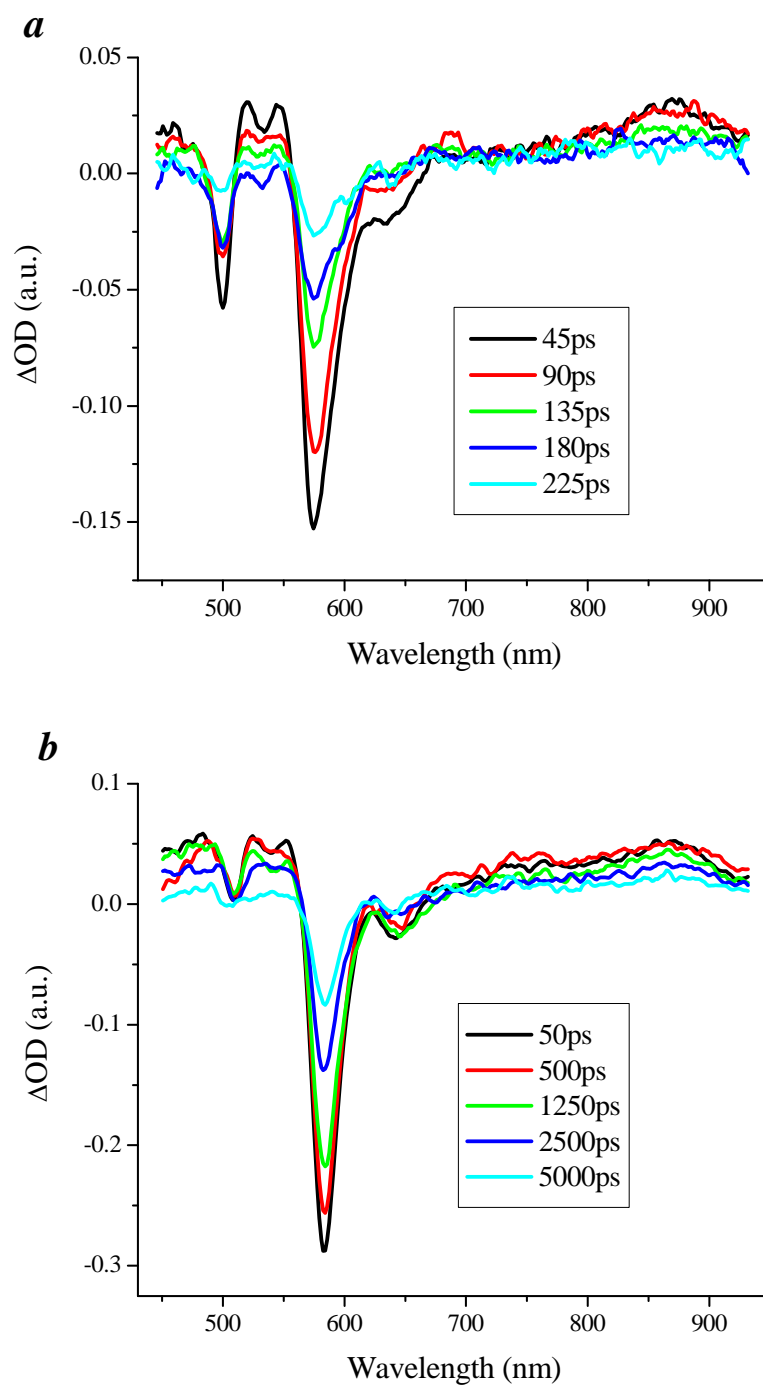
**Fig. S2** Steady-state fluorescence spectra of dyad **1**, BDP **2** and MSBDP **3** in  $\text{CH}_2\text{Cl}_2$  upon MSBDP- (**a**) or BDP- (**b**) part excitation. The concentration of the molecules was  $1 \mu\text{M}$ .



**Fig. S3** Normalised absorption and excitation spectra of dyad **1** in PhMe. The excitation spectrum was obtained by monitoring the fluorescence of MSBDP at 588 nm.



**Fig. S4** DAF spectra of dyad **1** in PhMe (*a*) or CH<sub>3</sub>CN (*b*) upon excitation of the BDP moiety.



**Fig. S5** Transient absorption spectra of dyad **1** in  $\text{CH}_3\text{CN}$  (*a*) and  $\text{PhMe}$  (*b*) at different delay times after BDP-part excitation.