Electronic Supplementary Material (ESI) for Photochemical & Photobiological Science

Supplementary information

Aromatic Ring Size Effect on the Photophysics and Photochemistry of Styrylbenzothiazoles

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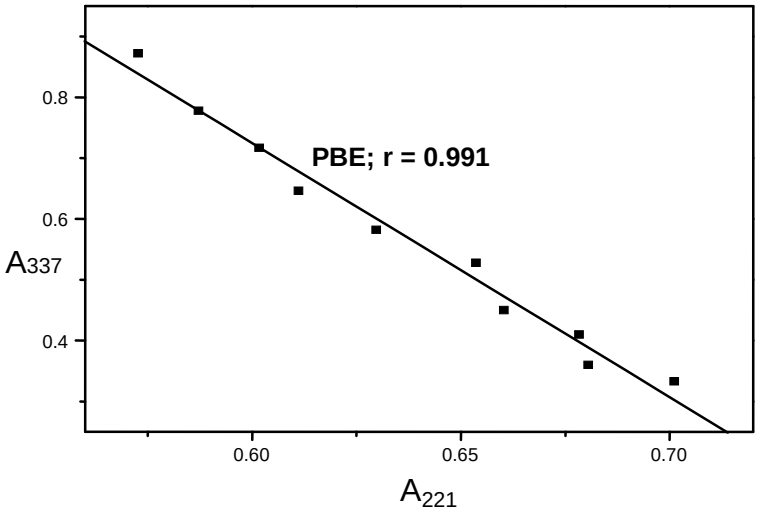

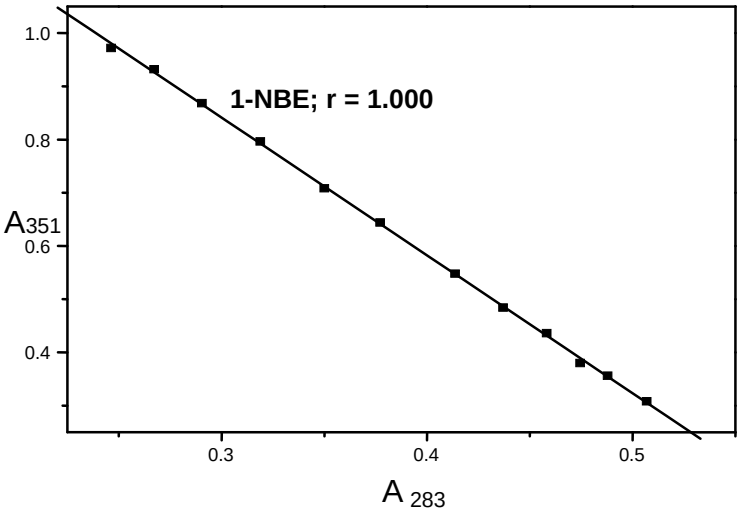

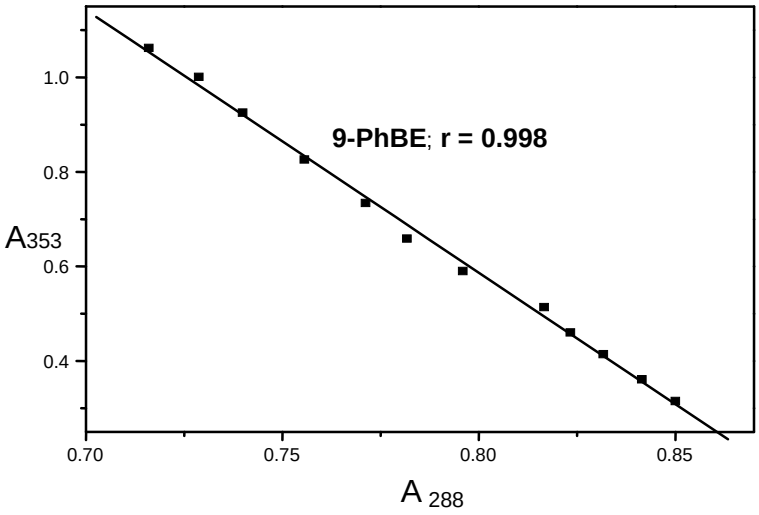

Fig. S1. Demonstration of linear correlation between the monitored absorbance changes between the two maxima (cisiod region and lower frequency region of the absorption spectra) of PBE, 1-NBE and 9-PhBE in MeCN, measured immediately after irradiation at 334 nm for definite time intervals as presented on Fig. 5.

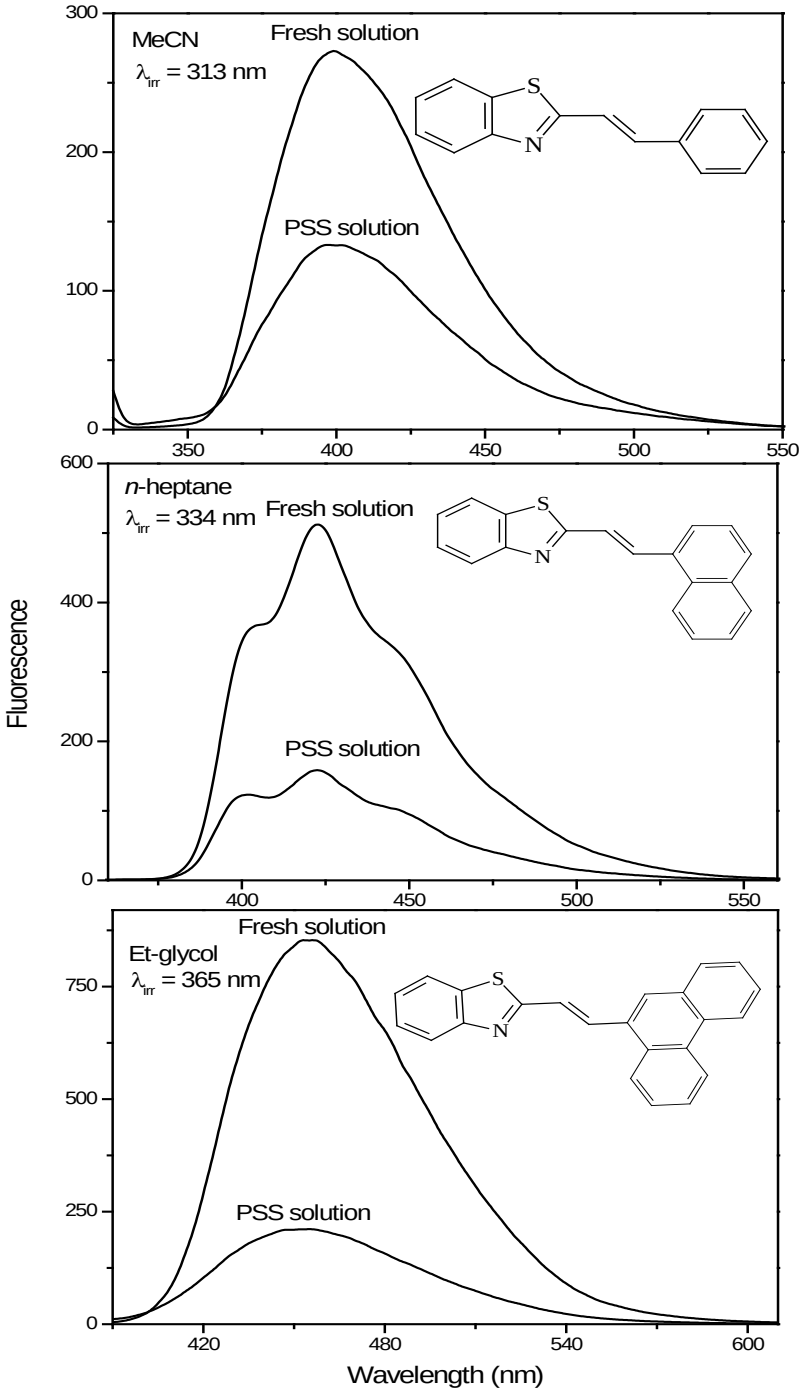

Fig. S2. Fluorescence spectra recorded before irradiation and at the photo-stationary state for PBE, 1-NBE and 9-PhBE.

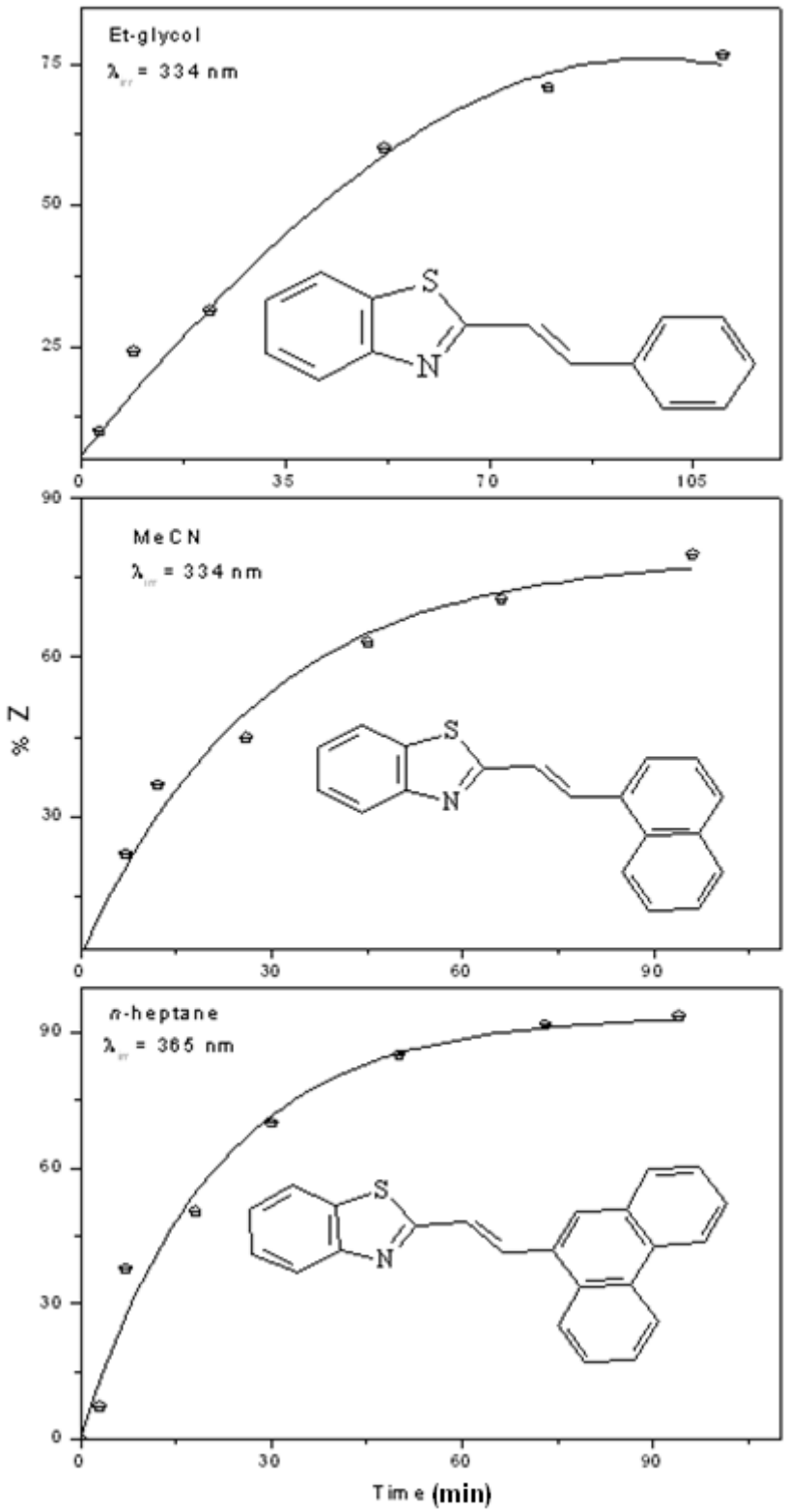

Fig. S3. Growth of the percentage of *Z*-isomer (% Z) of PBE, 1-NBE and 9-PhBE versus irradiation time.