

## Supporting Information

### Novel photochromic and electrochromic diarylethenes bearing triphenylamine units

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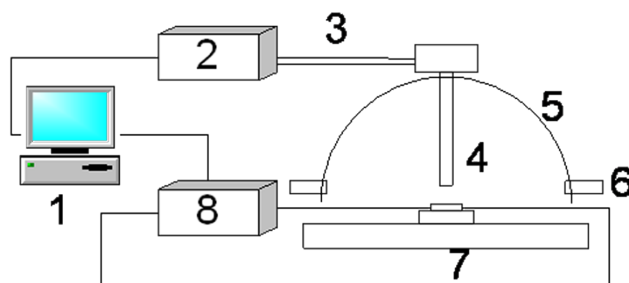


Fig. S1. System for measuring reflection spectra (1. Computer; 2. Spectrometer and Photoelectric converter; 3. Optical fiber; 4. Prober; 5. Integrating sphere; 6. Tungsten halogen lamp; 7. Sample stage; 8. DC power).