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Photoswitchable molecular wires

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Supplementary material

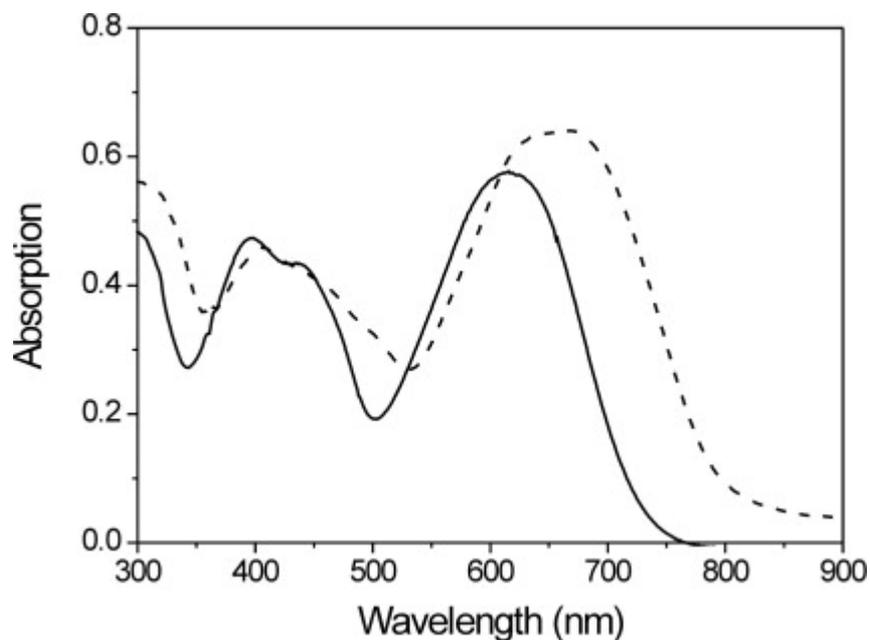


Fig. S1. Absorption spectra of **1cc** at 298 K (line) and 120 K (dashed).

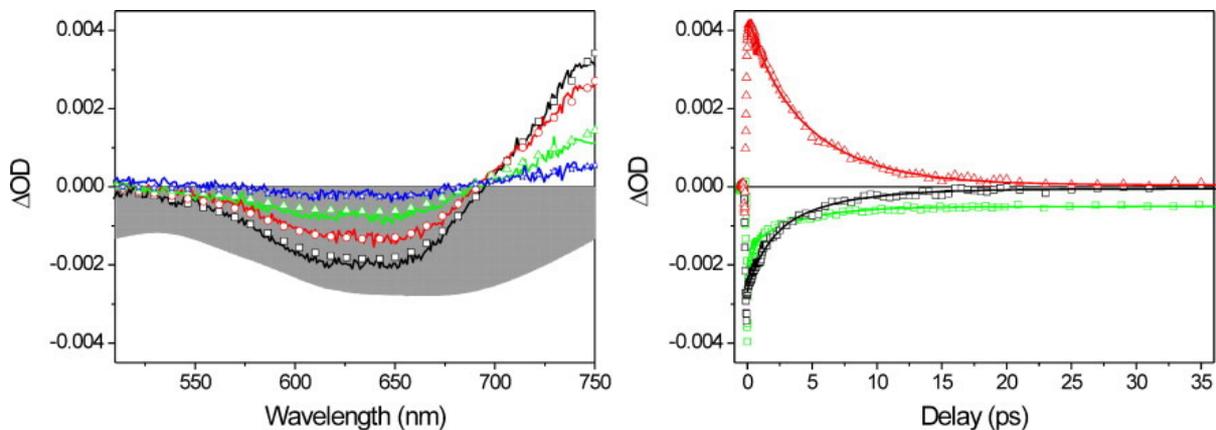


Fig. S2. Transient absorption spectra of the **1cc** in isopentane $T=125$ K. Pump 620 nm, 33 fs, $30 \mu\text{W}$. Panel A shows the spectral evolution of the closed form at 1 ps (black squares), 2 ps (red circles), 5 ps (green triangles), and 10 ps (blue stars). The steady state absorption spectrum is presented scaled and in grey shading. The symbols represent the spectra from global analysis of the data. Panel B shows the temporal evolution of the transient signals at 650 nm (black squares), 750 nm (red triangles). As a comparison panel B shows the time evolution of the open form at 515 nm (green squares). The solid lines are global fits of the data.