

Electronic Supporting Information

Chirality Transfer from Chiral Solvents and its Memory in Azobenzene Derivatives Exhibiting Photo-switchable Racemization

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1. UV-Visible spectra for the compounds **1**, **2** and **3**.....2
2. CD spectra recorded for enantiomers of **2** in chiral solvents (±)-1-phenylethylalcohol.....3
3. Enantiomeric stability of compound **2** in chiral solvents *R*-PEA and *S*-PEA3

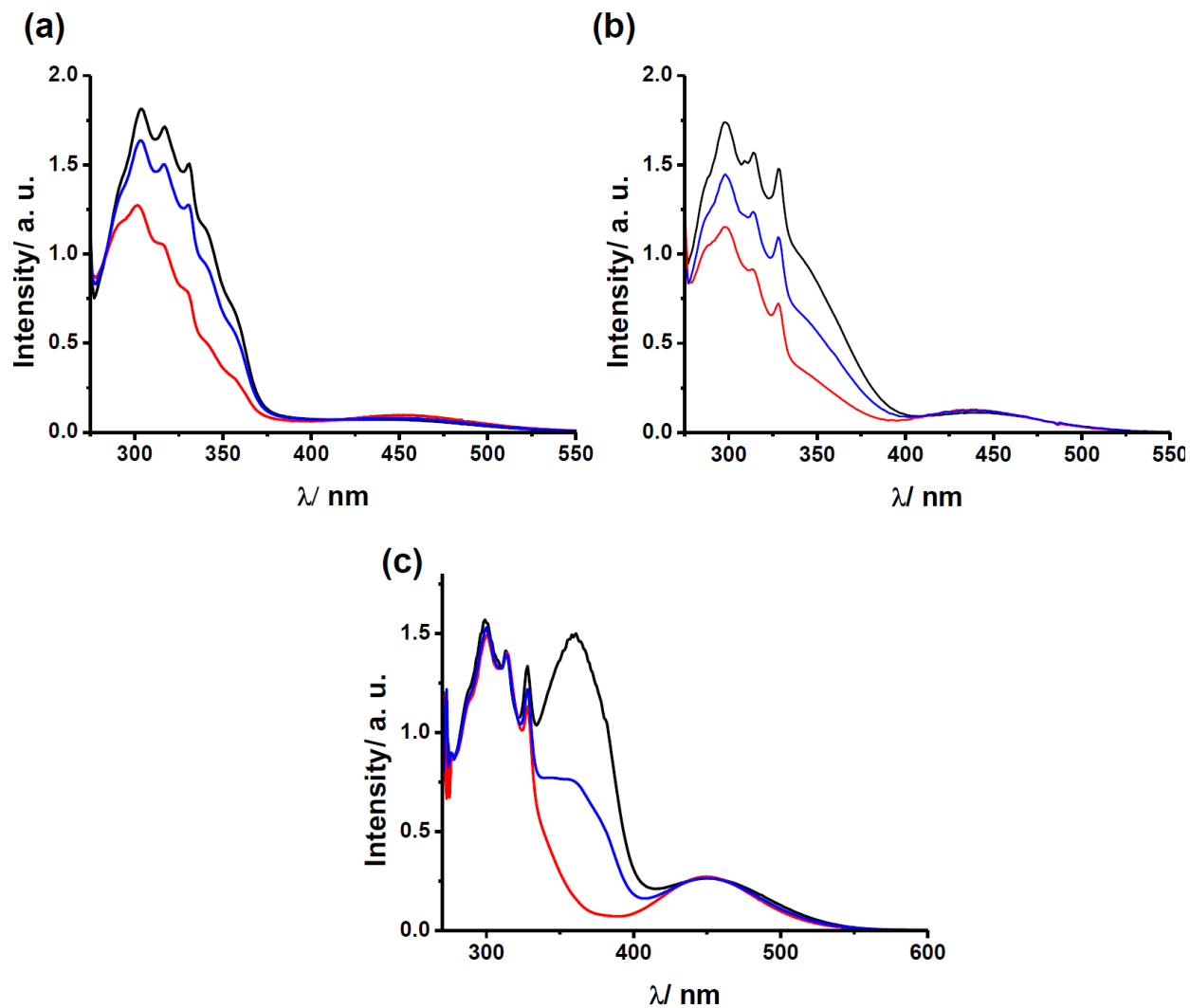


Fig. S1 UV-Vis spectra for the cyclic azobenzenes before irradiation (black curve), after 366 nm irradiation (red curve) and after visible irradiation (blue curve). (a) compound **1**, (b) **2** and (c) **3** in chiral solvent R- (+)-Phenylethylalcohol.

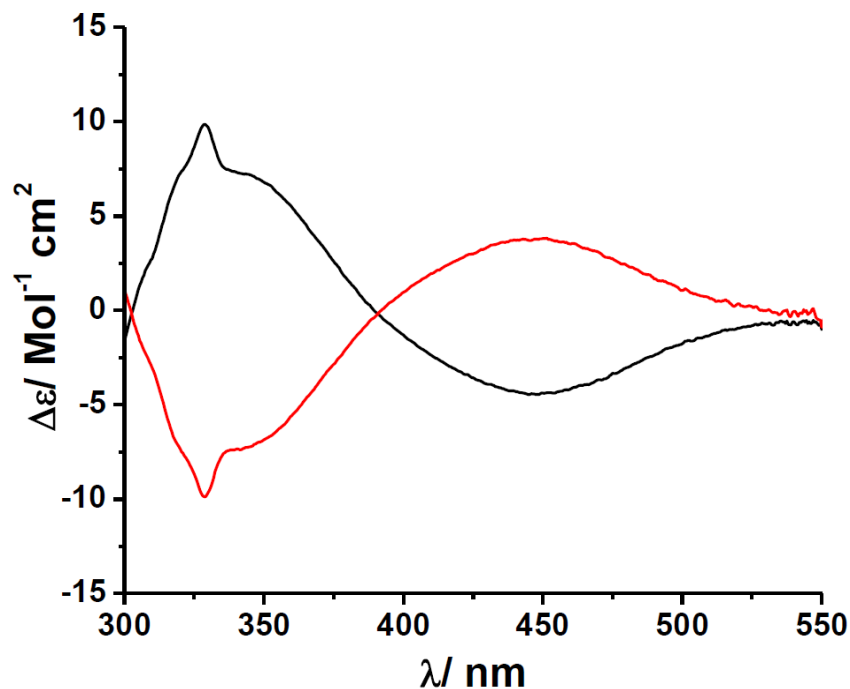


Fig. S2 CD spectra recorded for the freshly separated enantiomers of compound **2** in (±)-1-phenylethyl-alcohol (a) first eluted enantiomer (black curve) and (b) second eluted enantiomer (red curve).

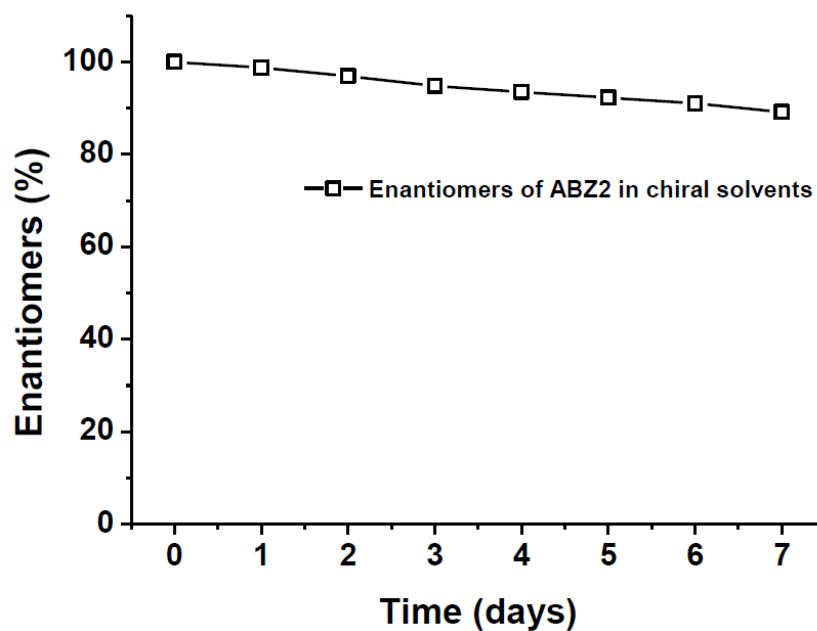


Fig. S3 Enantiomeric stability of compound **2** in chiral solvents *R*-PEA (black curve) and *S*-PEA (red curve)