



Figure S1. UV-Vis absorption spectra of compounds 1–11 in a) Acetone, b) AcN, c) BzOH and d) DMF

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19	Figure S2. Optimized geometry of th	e investigated compounds
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Figure S3. MEP potential of investigated compounds





25 Figure S4a. ICT processes from ground state (red) to excited state (blue) of compounds **1-16** for *E* isomers.





Figure S4b. ICT processes from ground state (red) to excited state (blue) of compounds 1-16 for Z isomers

- Figure S5. ICT in compounds 1-16 for Z isomers. Positions of barycenters for charge loss (cyan circle) and charge
 gain (violet circle) upon transition



Figure S8. Compound 2 as a model for less potent compounds