

## **solvent-induced symmetry breaking**

Breaking of symmetry of a molecular species by interactions with the solvent that can modify the molecular charge distribution, to favour asymmetrical configurations.

Note:

An example is the stabilization by a polar solvent of a light-induced charge transfer state in a symmetric donor–acceptor–donor system.

**Source:**

PAC, 2007, 79, 293 (*Glossary of terms used in photochemistry, 3rd edition (IUPAC Recommendations 2006)*) on page 422